

# **Factory Card Outlet of America, Ltd. EDI Specifications**

**810 - Invoice**

**Version: 4.0 Final**

<b>Publication:</b>	<b>1/28/2005</b>
<b>Trading Partner:</b>	<b>All Trading Partners</b>
<b>Modified:</b>	<b>05/20/2005</b>
<b>Notes:</b>	<b>Please refer to User Notes for Factory Card's usage of segments</b>



# 810 Invoice

Functional Group=IN

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:**

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

**Heading:**

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BIG	Beginning Segment for Invoice	M	1			Must use
030	NTE	Note/Special Instruction	O	100			Not used
050	REF	Reference Identification	O	12			Used
060	PER	Administrative Communications Contact	O	3			Used

LOOP ID - N1					3	
070	N1	Name	O	1		Used
080	N2	Additional Name Information	O	2		Used
090	N3	Address Information	O	2		Used
100	N4	Geographic Location	O	1		Used
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		Used
140	DTM	Date/Time Reference	O	10		Not used
150	FOB	F.O.B. Related Instructions	O	1		Used

**Detail:**

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - IT1					200000		
010	IT1	Baseline Item Data (Invoice)	O	1			Must use
LOOP ID - PID					1000		
060	PID	Product/Item Description	O	1			Used
100	PO4	Item Physical Details	O	1			Dependent
LOOP ID - SAC					25		
180	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used

**Summary:**

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	TDS	Total Monetary Value Summary	M	1			Must use
030	CAD	Carrier Detail	O	1			Used
LOOP ID - SAC					25		
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
LOOP ID - ISS					>1		
060	ISS	Invoice Shipment Summary	O	1			Used
070	CTT	Transaction Totals	O	1		N3/070	Used
080	SE	Transaction Set Trailer	M	1			Must use

**Not Defined:**

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

**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.

# 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):** Must use

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>	<u>Rep</u>
ISA01	I01	<b>Authorization Information Qualifier</b> <b>Description:</b> Code to identify the type of information in the Authorization Information <u>Code Name</u> 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use	1
ISA02	I02	<b>Authorization Information</b> <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)	M	AN	10/10	Must use	1
ISA03	I03	<b>Security Information Qualifier</b> <b>Description:</b> Code to identify the type of information in the Security Information <u>Code Name</u> 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Must use	1
ISA04	I04	<b>Security Information</b> <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)	M	AN	10/10	Must use	1
ISA05	I05	<b>Interchange ID Qualifier</b> <b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <u>Code Name</u> 01 Duns (Dun & Bradstreet) 08 UCC EDI Communications ID (Comm ID) 12 Phone (Telephone Companies)	M	ID	2/2	Must use	1
ISA06	I06	<b>Interchange Sender ID</b> <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	M	AN	15/15	Must use	1
ISA07	I05	<b>Interchange ID Qualifier</b> <b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <u>Code Name</u> 08 UCC EDI Communications ID (Comm ID)	M	ID	2/2	Must use	1
ISA08	I07	<b>Interchange Receiver ID</b> <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	M	AN	15/15	Must use	1
ISA09	I08	<b>Interchange Date</b> <b>Description:</b> Date of the interchange - CCYYMMDD	M	DT	8/8	Must use	1

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
ISA10	I09	<b>Interchange Time</b> <b>Description:</b> Time of the interchange	M	TM	4/4	Must use	1
ISA11	I10	<b>Interchange Control Standards Identifier</b> <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	M	ID	1/1	Must use	1
		<u>Code</u> <u>Name</u> U U.S. EDI Community of ASC X12, TDCC, and UCS					
ISA12	I11	<b>Interchange Control Version Number</b> <b>Description:</b> This version number covers the interchange control segments	M	ID	5/5	Must use	1
		<u>Code</u> <u>Name</u> 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997					
ISA13	I12	<b>Interchange Control Number</b> <b>Description:</b> A control number assigned by the interchange sender	M	N0	9/9	Must use	1
ISA14	I13	<b>Acknowledgment Requested</b> <b>Description:</b> Code sent by the sender to request an interchange acknowledgment (TA1)	M	ID	1/1	Must use	1
		<u>Code</u> <u>Name</u> 1 Interchange Acknowledgment Requested					
ISA15	I14	<b>Usage Indicator</b> <b>Description:</b> Code to indicate whether data enclosed by this interchange envelope is test, production or information	M	ID	1/1	Must use	1
		<u>Code</u> <u>Name</u> P Production Data T Test Data					
ISA16	I15	<b>Component Element Separator</b> <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	M		1/1	Must use	1

# 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):** Must use

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>	<u>Rep</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	1
		<u>Code</u> <u>Name</u> 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	M	AN	2/15	Must use	1
GS03	124	<b>Application Receiver's Code</b> <b>Description:</b> Code identifying party receiving transmission. Codes agreed to by trading partners	M	AN	2/15	Must use	1
GS04	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	M	DT	8/8	Must use	1
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	1
GS06	28	<b>Group Control Number</b> <b>Description:</b> Assigned number originated and maintained by the sender	M	N0	1/9	Must use	1
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	1
		<u>Code</u> <u>Name</u> 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	1
		<u>Code</u> <u>Name</u> 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997					

## Semantics:

- GS04 is the group date.

2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

**Comments:**

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

# ST Transaction Set Header

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

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

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>	<u>Rep</u>
ST01	143	<b>Transaction Set Identifier Code</b> <b>Description:</b> Code uniquely identifying a Transaction Set	M	ID	3/3	Must use	1
		<b>Code Name</b> 810 Invoice					
ST02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use	1

## Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).



# BIG Beginning Segment for Invoice

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

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

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
BIG01	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>Factory Card Notes:</b> This data should equal your Invoice Date.	M	DT	8/8	Must use	1
BIG02	76	<b>Invoice Number</b> <b>Description:</b> Identifying number assigned by issuer	M	AN	1/22	Must use	1
BIG03	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD <b>Factory Card Notes:</b> This Date should equal your Purchase Order Date.	O	DT	8/8	Used	1
BIG04	324	<b>Purchase Order Number</b> <b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Must use	1
BIG07	640	<b>Transaction Type Code</b> <b>Description:</b> Code specifying the type of transaction <b>Code Name</b> 33 Normal <b>Description:</b> Conforming to a standard practice	O	ID	2/2	Not used	1
BIG08	353	<b>Transaction Set Purpose Code</b> <b>Description:</b> Code identifying purpose of transaction set <b>Code Name</b> 00 Original 05 Replace	O	ID	2/2	Not used	1

## Semantics:

1. BIG01 is the invoice issue date.
2. BIG03 is the date assigned by the purchaser to purchase order.
3. BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

## Comments:

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

# NTE Note/Special Instruction

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

**User Option (Usage):** Not used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
NTE01	363	<b>Note Reference Code</b> <b>Description:</b> Code identifying the functional area or purpose for which the note applies	O	ID	3/3	Used	1
		<b>Code Name</b> GEN Entire Transaction Set					
NTE02	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	M	AN	1/80	Must use	1

## Comments:

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

## Factory Card Notes:

We process Invoices in an automated environment, and therefore, do not generally review the information included in the NTE segment. It can be useful for some research, but do not rely on us to react to information in this segment.

# REF Reference Identification

<b>Pos:</b> 050	<b>Max:</b> 12
<b>Heading - Optional</b>	
<b>Loop:</b> N/A	<b>Elements:</b> 3

**User Option (Usage):** Used

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>	<u>Rep</u>
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <b>Factory Card Notes:</b> Internal Vendor Number is REQUIRED. <b>User Note 1:</b> FCPO does not require, but recommends the use of one of the following; Department Number, Packing List Number, Internal Order Number, Work Order Number. <u>Code</u> <u>Name</u> DP Department Number IA Internal Vendor Number IL Internal Order Number PK Packing List Number WO Work Order Number <b>Description:</b> Number assigned for work including material and labor beyond normal work required to fulfill a service order	M	ID	2/3	Must use	1
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Used	1
REF03	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	C	AN	1/80	Used	1

## Syntax:

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

## Semantics:

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

## Factory Card Notes:

This segment must have at least 1 occurrence. This occurrence must identify our Internal Vendor Number that was transmitted on our Purchase Order. FCPO does not require, but recommends the use of one of the following; Department Number, Packing List Number, Internal Order Number, Work Order Number.

# PER Administrative Communications Contact

<b>Pos: 060</b>	<b>Max: 3</b>
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

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

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
PER01	366	<b>Contact Function Code</b> <b>Description:</b> Code identifying the major duty or responsibility of the person or group named	M	ID	2/2	Must use	1
		<b>Code Name</b> AR Accounts Receivable Department					
PER02	93	<b>Name</b> <b>Description:</b> Free-form name	O	AN	1/60	Used	1
PER03	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number	C	ID	2/2	Used	1
		<b>Code Name</b> TE Telephone					
PER04	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/80	Used	1

### Syntax:

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

### Factory Card Notes:

We do not use this information to process the Invoice, but it can be useful if there is something wrong with transaction and we need to contact you.

# Loop N1

<b>Pos: 070</b>	<b>Repeat: 3</b>
	<b>Optional</b>
<b>Loop: N1</b>	<b>Elements: N/A</b>

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
070	N1	Name	O	1		Used
080	N2	Additional Name Information	O	2		Used
090	N3	Address Information	O	2		Used
100	N4	Geographic Location	O	1		Used

## Factory Card Notes:

FCPO would prefer to receive the complete address for RE and MA.

# N1 Name

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

**User Option (Usage):** Used

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>	<u>Rep</u>
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>Factory Card Notes:</b> ST- Ship-to will identify the receiving location MA - Ultimate location will identify the destination store	M	ID	2/3	Must use	1
		<b>Code Name</b> MA Party for whom Item is Ultimately Intended <b>Factory Card Notes:</b> In Invoices for Orders that have been identified for a specific store, this code should be used in the segment loop to identify that store, whether you are shipping it directly to the store or through our distribution center. If the order is for Distribution Center, this code will be used in the segment loop to identify that Distribution Center.					
		RE Party to receive commercial invoice remittance <b>Factory Card Notes:</b> This code will always be used in the segment loop that identifies your remittance address.					
		ST Ship To <b>Factory Card Notes:</b> This code will always be used in the segment loop that identifies the address the order was shipped to from you. If the order is be shipped directly to the store, then the store will be identified in this segment loop. If the order is for a store but being shipped thru our distribution Center, then the Distribution Center will be identified in this segment loop.					
N102	93	<b>Name</b> <b>Description:</b> Free-form name	C	AN	1/60	Used	1
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)	C	ID	1/2	Used	1
		<b>Code Name</b> 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 92 Assigned by Buyer or Buyer's Agent					
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used	1

## Syntax:

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

## Comments:

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

## Factory Card Notes:

FCO would prefer to receive the complete address for RE and MA

# N2 Additional Name Information

Pos: 080	Max: 2
Heading - Optional	
Loop: N1	Elements: 1

User Option (Usage): Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N201	93	Name	M	AN	1/60	Must use	1
		<b>Description:</b> Free-form name					

# N3 Address Information

<b>Pos:</b> 090	<b>Max:</b> 2
<b>Heading - Optional</b>	
<b>Loop:</b> N1	<b>Elements:</b> 2

**User Option (Usage):** Used

To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N301	166	<b>Address Information</b> <b>Description:</b> Address information	M	AN	1/55	Must use	1
N302	166	<b>Address Information</b> <b>Description:</b> Address information	O	AN	1/55	Used	1

## Factory Card Notes:

If this segment is part of a N1 Loop that has RE or MA in N101, then complete address should be included.



# N4 Geographic Location

<b>Pos: 100</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 3</b>

**User Option (Usage):** Used

To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N401	19	<b>City Name</b> <b>Description:</b> Free-form text for city name	O	AN	2/30	Used	1
N402	156	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Used	1
N403	116	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used	1

## Syntax:

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

## Comments:

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

# ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Optional	
Loop: N/A	Elements: 7

User Option (Usage): Used

To specify terms of sale

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ITD01	336	<b>Terms Type Code</b> <b>Description:</b> Code identifying type of payment terms <u>Code</u> <u>Name</u> 01 Basic 02 End of Month (EOM) 09 Proximo 12 10 Days After End of Month (10 EOM) <b>Description:</b> Seasonal Dating - 10th of the Month after Holidays 14 Previously agreed upon 41 Letter of Credit 45 Bank Transfer	O	ID	2/2	Not used	1
ITD02	333	<b>Terms Basis Date Code</b> <b>Description:</b> Code identifying the beginning of the terms period <u>Code</u> <u>Name</u> 2 Delivery Date 3 Invoice Date	O	ID	1/2	Not used	1
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	O	R	1/6	Used	1
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	1
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	1
ITD08	362	<b>Terms Discount Amount</b> <b>Description:</b> Total amount of terms discount	O	N2	1/10	Used	1
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	1

## Syntax:

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

## Semantics:

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

## Comments:

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

# DTM Date/Time Reference

<b>Pos:</b> 140	<b>Max:</b> 10
<b>Heading - Optional</b>	
<b>Loop:</b> N/A	<b>Elements:</b> 6

**User Option (Usage):** Not used

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>	<u>Rep</u>
DTM01	374	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time <b>Code Name</b> 010 Requested Ship 011 Shipped	M	ID	3/3	Must use	1
DTM02	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	C	DT	8/8	Not used	1
DTM03	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)	C	TM	4/8	Not used	1
DTM04	623	<b>Time Code</b> <b>Description:</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow <b>Code Name</b> CS Central Standard Time	O	ID	2/2	Not used	1
DTM05	1250	<b>Date Time Period Format Qualifier</b> <b>Description:</b> Code indicating the date format, time format, or date and time format <b>Code Name</b> D6 Date Expressed in Format YYMMDD D8 Date Expressed in Format CCYYMMDD	C	ID	2/3	Not used	1
DTM06	1251	<b>Date Time Period</b> <b>Description:</b> Expression of a date, a time, or range of dates, times or dates and times	C	AN	1/35	Not used	1

## Syntax:

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

# FOB F.O.B. Related Instructions

<b>Pos:</b> 150	<b>Max:</b> 1
<b>Heading - Optional</b>	
<b>Loop:</b> N/A	<b>Elements:</b> 8

**User Option (Usage):** Used

To specify transportation instructions relating to shipment

## 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>	<u>Rep</u>
FOB01	146	<b>Shipment Method of Payment</b> <b>Description:</b> Code identifying payment terms for transportation charges <u>Code Name</u> CC Collect PP Prepaid (by Seller)	M	ID	2/2	Must use	1
FOB02	309	<b>Location Qualifier</b> <b>Description:</b> Code identifying type of location <u>Code Name</u> DE Destination (Shipping) OR Origin (Shipping Point)	C	ID	1/2	Not used	1
FOB03	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	1
FOB04	334	<b>Transportation Terms Qualifier Code</b> <b>Description:</b> Code identifying the source of the transportation terms <u>Code Name</u> 01 Incoterms 02 Trade Terms Code ZZ Mutually Defined	O	ID	2/2	Not used	1
FOB05	335	<b>Transportation Terms Code</b> <b>Description:</b> Code identifying the trade terms which apply to the shipment transportation responsibility <u>Code Name</u> FOB Free on Board	C	ID	3/3	Not used	1
FOB06	309	<b>Location Qualifier</b> <b>Description:</b> Code identifying type of location <u>Code Name</u> DE Destination (Shipping) OR Origin (Shipping Point)	C	ID	1/2	Not used	1
FOB07	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	1
FOB09	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	C	AN	1/80	Not used	1

## Syntax:

1. C0302 - If FOB03 is present, then all of FOB02 are required
2. C0405 - If FOB04 is present, then all of FOB05 are required
3. C0706 - If FOB07 is present, then all of FOB06 are required
4. C0809 - If FOB08 is present, then all of FOB09 are required

## Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.

3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

# Loop IT1

<b>Pos: 010</b>	<b>Repeat: 20000</b>
<b>Optional</b>	
<b>Loop: IT1</b>	<b>Elements: N/A</b>

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	IT1	Baseline Item Data (Invoice)	O	1		Must use
060		Loop PID	O		1000	Used
100	PO4	Item Physical Details	O	1		Dependent
180		Loop SAC	O		25	Used

# IT1 Baseline Item Data (Invoice)

<b>Pos:</b> 010	<b>Max:</b> 1
Detail - Optional	
<b>Loop:</b> IT1	<b>Elements:</b> 8

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

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>	<u>Rep</u>
IT101	350	<b>Assigned Identification</b> <b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Used	1
IT102	358	<b>Quantity Invoiced</b> <b>Description:</b> Number of units invoiced (supplier units)	C	R	1/10	Used	1
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	C	ID	2/2	Used	1
		<b>Code Name</b> CA Case DZ Dozen EA Each					
IT104	212	<b>Unit Price</b> <b>Description:</b> Price per unit of product, service, commodity, etc.	C	R	1/17	Used	1
		<b>Factory Card Notes:</b> The unit price must be based on the Unit of Measure identified in element IT103.					
IT106	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Used	1
		<b>Factory Card Notes:</b> If both IT106/IT107 and IT108/IT109 product ID pairs will be used, do not duplicate the product identification. Also we consider some of the qualifiers to be equivalent and the pairs would be considered duplicative if these equivalent qualifiers were used. For your reference CB is equivalent to SK and VC is equivalent to VP. If you have different qualifiers for these pairs only send us the one you use with us to reference the product.					
		<b>Code Name</b> CB Buyer's Catalog Number <b>Description:</b> Factory Card SKU					
		<b>Factory Card Notes:</b> This is the SKU Number assigned by the Factory Card & Party Outlet of America , Ltd.					
		UP U.P.C. Consumer Package Code (1-5-5-1) VC Vendor's (Seller's) Catalog Number					
IT107	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	C	AN	1/48	Used	1
IT108	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Used	1
		<b>Factory Card Notes:</b> If both IT106/IT107 and IT108/IT109 product ID pairs will be					

used, do not duplicate the product identification. Also we consider some of the qualifiers to be equivalent and the pairs would be considered duplicative if these equivalent qualifiers were used. For your reference CB is equivalent to SK and VC is equivalent to VP. If you have different qualifiers for these pairs only send us the one you use with us to reference the product.

**Code Name**

CB Buyer's Catalog Number  
**Description:** Factory Card SKU  
 UP U.P.C. Consumer Package Code (1-5-5-1)  
 VC Vendor's (Seller's) Catalog Number

IT109	234	<b>Product/Service ID</b>	C	AN	1/48	Used	1
-------	-----	---------------------------	---	----	------	------	---

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

**Syntax:**

1. P020304 - If either IT102,IT103,IT104 is present, then all are required
2. P0607 - If either IT106,IT107 is present, then all are required
3. P0809 - If either IT108,IT109 is present, then all are required
4. P1011 - If either IT110,IT111 is present, then all are required
5. P1213 - If either IT112,IT113 is present, then all are required
6. P1415 - If either IT114,IT115 is present, then all are required
7. P1617 - If either IT116,IT117 is present, then all are required
8. P1819 - If either IT118,IT119 is present, then all are required
9. P2021 - If either IT120,IT121 is present, then all are required
10. P2223 - If either IT122,IT123 is present, then all are required
11. P2425 - If either IT124,IT125 is present, then all are required

**Semantics:**

1. IT101 is the purchase order line item identification.

**Comments:**

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



# Loop PID

<b>Pos: 060</b>	<b>Repeat: 1000</b>
	<b>Optional</b>
<b>Loop: PID</b>	<b>Elements: N/A</b>

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

## Loop Summary:

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

# PID Product/Item Description

<b>Pos: 060</b>	<b>Max: 1</b>
Detail - Optional	
<b>Loop: PID</b>	<b>Elements: 2</b>

**User Option (Usage):** Used

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>	<u>Rep</u>
PID01	349	<b>Item Description Type</b> <b>Description:</b> Code indicating the format of a description	M	ID	1/1	Must use	1
		<b>Code Name</b> F Free-form					
PID05	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	C	AN	1/80	Used	1

## Syntax:

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

## Semantics:

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

## Comments:

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

# PO4 Item Physical Details

<b>Pos: 100</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: IT1</b>	<b>Elements: 10</b>

**User Option (Usage):** Dependent

To specify the physical qualities, packaging, weights, and dimensions relating to the item

## 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>	<u>Rep</u>
PO401	356	<b>Pack</b> <b>Description:</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container	O	N0	1/6	Not used	1
PO402	357	<b>Size</b> <b>Description:</b> Size of supplier units in pack <b>Factory Card Notes:</b> If IT103 contains the code 'CA', then PO402 must contain the number of eaches in the Case.	C	R	1/8	Used	1
PO403	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 <b>Factory Card Notes:</b> This is always 'EA' since we use PO402 to identify the size in Eaches in IT1 segemnt.	C	ID	2/2	Used	1
		<u>Code</u> <u>Name</u> EA Each					
PO404	103	<b>Packaging Code</b> <b>Description:</b> Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required	C	AN	3/5	Not used	1
		<u>Code</u> <u>Name</u> CAS Case PLT Pallet					
PO405	187	<b>Weight Qualifier</b> <b>Description:</b> Code defining the type of weight	O	ID	1/2	Not used	1
		<u>Code</u> <u>Name</u> G Gross Weight N Actual Net Weight					
PO406	384	<b>Gross Weight per Pack</b> <b>Description:</b> Numeric value of gross weight per pack	C	R	1/9	Not used	1
PO407	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	C	ID	2/2	Not used	1
		<u>Code</u> <u>Name</u> 01 Actual Pounds LB Pound					
PO408	385	<b>Gross Volume per Pack</b> <b>Description:</b> Numeric value of gross volume per pack	C	R	1/9	Not used	1
PO409	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	C	ID	2/2	Not used	1
		<u>Code</u> <u>Name</u> CF Cubic Feet					

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
PO414	810	<b>Inner Pack</b> <b>Description:</b> The number of eaches per inner container	O	N0	1/6	Not used	1

**Syntax:**

1. P0203 - If either PO402,PO403 is present, then all are required
2. C0506 - If PO405 is present, then all of PO406 are required
3. P0607 - If either PO406,PO407 is present, then all are required
4. P0809 - If either PO408,PO409 is present, then all are required
5. C1013 - If PO410 is present, then all of PO413 are required
6. C1113 - If PO411 is present, then all of PO413 are required
7. C1213 - If PO412 is present, then all of PO413 are required
8. L13101112 - If PO413 is present, then at least one of PO410,PO411,PO412 is required
9. C1716 - If PO417 is present, then all of PO416 are required
10. C1804 - If PO418 is present, then all of PO404 are required

**Semantics:**

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

**Comments:**

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

**Factory Card Notes:**

The PO4 segment is required if code in IT103 is 'CA'. The PO4 segment identifies for us the number of units contained in the case. We will multiply the quantity in IT102 (Qty Invoiced) by the number in PO402 (size) to get unit in 'EA'ches. Please Note: This is a custom implementation of the PO4 segment.

# Loop SAC

<b>Pos: 180</b>	<b>Repeat: 25</b>
	<b>Optional</b>
<b>Loop: SAC</b>	<b>Elements: N/A</b>

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

## Loop Summary:

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

## Factory Card Notes:

Factory Card & Party Outlet will only process Service, Promotion and Allowance codes in the SAC 180 segment, or in other words, at the Invoice level. The SAC 180 segment, or the SAC at the Item level, has been defined for future use and must be supported, but will not be initially used.

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 180	Max: 1
Detail - Optional	
Loop: SAC	Elements: 15

User Option (Usage): Used

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SAC01	248	<b>Allowance or Charge Indicator</b> <b>Description:</b> Code which indicates an allowance or charge for the service specified <b>Code Name</b> A Allowance C Charge P Promotion	M	ID	1/1	Must use	1
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b> <b>Description:</b> Code identifying the service, promotion, allowance, or charge <b>Code Name</b> C300 Discount - Special E730 New Item Allowance F800 Promotional Allowance	C	ID	4/4	Used	1
SAC03	559	<b>Agency Qualifier Code</b> <b>Description:</b> Code identifying the agency assigning the code values <b>Code Name</b> VI Voluntary Inter-Industry Commerce Standard (VICS) EDI	C	ID	2/2	Not used	1
SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b> <b>Description:</b> Agency maintained code identifying the service, promotion, allowance, or charge	C	AN	1/10	Not used	1
SAC05	610	<b>Amount</b> <b>Description:</b> Monetary amount	O	N2	1/15	Used	1
SAC06	378	<b>Allowance/Charge Percent Qualifier</b> <b>Description:</b> Code indicating on what basis allowance or charge percent is calculated <b>Code Name</b> 1 Item List Cost 2 Item Net Cost 5 Base Price per Unit 6 Base Price Amount	C	ID	1/1	Not used	1
SAC07	332	<b>Percent</b> <b>Description:</b> Percent expressed as a percent	C	R	1/6	Not used	1
SAC08	118	<b>Rate</b> <b>Description:</b> Rate expressed in the standard monetary denomination for the currency specified	O	R	1/9	Not used	1
SAC09	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 <b>Code Name</b> CA Case EA Each	C	ID	2/2	Not used	1

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
SAC10	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Not used	1
SAC11	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	O	R	1/15	Not used	1
SAC12	331	<b>Allowance or Charge Method of Handling Code</b> <b>Description:</b> Code indicating method of handling for an allowance or charge	O	ID	2/2	Not used	1
		<u>Code</u> <u>Name</u>					
		01 Bill Back					
		02 Off Invoice					
		03 Vendor Check to Customer					
		04 Credit Customer Account					
		06 Charge to be Paid by Customer					
		08 Off Gross Quantity Invoiced					
SAC13	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Not used	1
SAC14	770	<b>Option Number</b> <b>Description:</b> A unique number identifying available promotion or allowance options when more than one is offered	O	AN	1/20	Not used	1
SAC15	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	C	AN	1/80	Used	1

**Syntax:**

1. R0203 - At least one of SAC02,SAC03 is required
2. P0304 - If either SAC03,SAC04 is present, then all are required
3. P0607 - If either SAC06,SAC07 is present, then all are required
4. P0910 - If either SAC09,SAC10 is present, then all are required
5. C1110 - If SAC11 is present, then all of SAC10 are required
6. L130204 - If SAC13 is present, then at least one of SAC02,SAC04 is required
7. C1413 - If SAC14 is present, then all of SAC13 are required
8. C1615 - If SAC16 is present, then all of SAC15 are required

**Semantics:**

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

**Comments:**

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

**Factory Card Notes:**

Factory Card & Party Outlet will only process Service, Promotion and Allowance codes in the SAC 180 segment, or in other words, at the Invoice level. The SAC 180 segment, or the SAC at the Item level, has been defined for future use and must be supported, but will not be initially used.

# TDS Total Monetary Value Summary

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Summary - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 4</b>

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

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>	<u>Rep</u>
TDS01	610	<b>Amount</b> <b>Description:</b> Monetary amount	M	N2	1/15	Must use	1
TDS02	610	<b>Amount</b> <b>Description:</b> Monetary amount	O	N2	1/15	Used	1
TDS03	610	<b>Amount</b> <b>Description:</b> Monetary amount	O	N2	1/15	Used	1
TDS04	610	<b>Amount</b> <b>Description:</b> Monetary amount	O	N2	1/15	Used	1

## Semantics:

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

## Comments:

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



# CAD Carrier Detail

<b>Pos: 030</b>	<b>Max: 1</b>
<b>Summary - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 3</b>

**User Option (Usage):** Used

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>	<u>Rep</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	1
		<b>Code Name</b>					
		A Air					
		D Parcel Post					
		P Private Carrier					
		U Private Parcel Service					
CAD04	140	<b>Standard Carrier Alpha Code</b> <b>Description:</b> Standard Carrier Alpha Code	C	ID	2/4	Used	1
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	Used	1

## Syntax:

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

# Loop SAC

<b>Pos: 040</b>	<b>Repeat: 25</b>
	<b>Optional</b>
<b>Loop: SAC</b>	<b>Elements: N/A</b>

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

## Loop Summary:

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

## Factory Card Notes:

Factory Card & Party Outlet will only process Service, Promotion and Allowance codes in the SAC 040 segment, or in other words, at the Invoice level. The SAC 180 segment, or the SAC at the Item level, has been defined for future use and must be supported, but will not be initially used.

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Optional	
Loop: SAC	Elements: 14

User Option (Usage): Used

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SAC01	248	<b>Allowance or Charge Indicator</b> <b>Description:</b> Code which indicates an allowance or charge for the service specified <b>Code Name</b> A Allowance C Charge	M	ID	1/1	Must use	1
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b> <b>Description:</b> Code identifying the service, promotion, allowance, or charge <b>Code Name</b> A260 Advertising Allowance B950 Damaged Merchandise C000 Defective Allowance <b>Description:</b> Defective/Damage Allowance C540 Early Buy Allowance D240 Freight E740 New Store Allowance E750 New Store Discount F340 Pick/Up <b>Description:</b> Freight Discount F420 Placement and/or Removal Charge F800 Promotional Allowance F970 Rebate G860 Shrink Allowance <b>Description:</b> Store Direct Receipt Shortage Allowance G880 Shrinkage Allowance H000 Special Allowance I010 Third Party Allowance I310 Truckload Discount I570 Warehouse	C	ID	4/4	Used	1
SAC03	559	<b>Agency Qualifier Code</b> <b>Description:</b> Code identifying the agency assigning the code values <b>Code Name</b> VI Voluntary Inter-Industry Commerce Standard (VICS) EDI	C	ID	2/2	Used	1
SAC05	610	<b>Amount</b> <b>Description:</b> Monetary amount	O	N2	1/15	Used	1
SAC06	378	<b>Allowance/Charge Percent Qualifier</b> <b>Description:</b> Code indicating on what basis allowance or charge percent is calculated <b>Code Name</b> 3 Discount/Gross 4 Discount/Net	C	ID	1/1	Used	1
SAC07	332	<b>Percent</b> <b>Description:</b> Percent expressed as a percent	C	R	1/6	Used	1
SAC08	118	<b>Rate</b> <b>Description:</b> Rate expressed in the standard monetary denomination for the currency specified	O	R	1/9	Used	1

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
SAC09	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	C	ID	2/2	Used	1
		<u>Code</u> <u>Name</u> CA Case EA Each					
SAC10	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used	1
SAC11	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	O	R	1/15	Used	1
SAC12	331	<b>Allowance or Charge Method of Handling Code</b> <b>Description:</b> Code indicating method of handling for an allowance or charge	O	ID	2/2	Used	1
		<u>Code</u> <u>Name</u> 01 Bill Back 02 Off Invoice 03 Vendor Check to Customer 04 Credit Customer Account 05 Charge to be Paid by Vendor 08 Off Gross Quantity Invoiced					
SAC13	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Used	1
SAC14	770	<b>Option Number</b> <b>Description:</b> A unique number identifying available promotion or allowance options when more than one is offered	O	AN	1/20	Used	1
SAC15	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	C	AN	1/80	Used	1

**Syntax:**

1. R0203 - At least one of SAC02,SAC03 is required
2. P0304 - If either SAC03,SAC04 is present, then all are required
3. P0607 - If either SAC06,SAC07 is present, then all are required
4. P0910 - If either SAC09,SAC10 is present, then all are required
5. C1110 - If SAC11 is present, then all of SAC10 are required
6. L130204 - If SAC13 is present, then at least one of SAC02,SAC04 is required
7. C1413 - If SAC14 is present, then all of SAC13 are required
8. C1615 - If SAC16 is present, then all of SAC15 are required

**Semantics:**

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

**Comments:**

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular

allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

**Factory Card Notes:**

Factory Card & Party Outlet will only process Service, Promotion and Allowance codes in the SAC 040 segment, or in other words, at the Invoice level. The SAC 180 segment, or the SAC at the Item level, has been defined for future use and must be supported, but will not be initially used.

# Loop ISS

Pos: 060	Repeat: >1
	Optional
Loop: ISS	Elements: N/A

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
060	ISS	Invoice Shipment Summary	O	1		Used

# ISS Invoice Shipment Summary

<b>Pos: 060</b>	<b>Max: 1</b>
<b>Summary - Optional</b>	
<b>Loop: ISS</b>	<b>Elements: 4</b>

User Option (Usage): Used

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>	<u>Rep</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	C	R	1/10	Used	1
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	C	ID	2/2	Used	1
		<u>Code</u> <u>Name</u> EA Each					
ISS03	81	<b>Weight</b> <b>Description:</b> Numeric value of weight	C	R	1/10	Used	1
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	C	ID	2/2	Used	1
		<u>Code</u> <u>Name</u> LB Pound					

## Syntax:

1. R010305 - At least one of ISS01,ISS03,ISS05 is required
2. P0102 - If either ISS01,ISS02 is present, then all are required
3. P0304 - If either ISS03,ISS04 is present, then all are required
4. P0506 - If either ISS05,ISS06 is present, then all are required

## Semantics:

1. ISS07 is the quantity of third party pallets.
2. ISS08 is the gross weight of third party pallets in pounds.

# CTT Transaction Totals

<b>Pos: 070</b>	<b>Max: 1</b>
<b>Summary - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Used

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>	<u>Rep</u>
CTT01	354	<b>Number of Line Items</b> <b>Description:</b> Total number of line items in the transaction set	M	N0	1/6	Must use	1
CTT02	347	<b>Hash Total</b> <b>Description:</b> Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example:-.0018 First occurrence of value beinghashed..18 Second occurrence of value beinghashed.1.8 Third occurrence of value beinghashed.18.01 Fourth occurrence of value beinghashed.-----1855 Hash total prior to truncation.855 Hash total after truncation tothree-digit field.	O	R	1/10	Used	1

## Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

## Comments:

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



# SE Transaction Set Trailer

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

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

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>	<u>Rep</u>
SE01	96	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use	1
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use	1

## Comments:

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

# 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):** Must use

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>	<u>Rep</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	1
GE02	28	<b>Group Control Number</b> <b>Description:</b> Assigned number originated and maintained by the sender	M	N0	1/9	Must use	1

## Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

## Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

# IEA Interchange Control Trailer

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

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

To define the end of 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>	<u>Rep</u>
IEA01	I16	<b>Number of Included Functional Groups</b> <b>Description:</b> A count of the number of functional groups included in an interchange	M	N0	1/5	Must use	1
IEA02	I12	<b>Interchange Control Number</b> <b>Description:</b> A control number assigned by the interchange sender	M	N0	9/9	Must use	1

# Table of Contents

<b>Invoice</b> .....	<b>3</b>
<b>Interchange Control Header</b> .....	<b>4</b>
<b>Functional Group Header</b> .....	<b>6</b>
<b>Transaction Set Header</b> .....	<b>8</b>
<b>Beginning Segment for Invoice</b> .....	<b>9</b>
<b>Note/Special Instruction</b> .....	<b>10</b>
<b>Reference Identification</b> .....	<b>11</b>
<b>Administrative Communications Contact</b> .....	<b>12</b>
<b>Loop N1</b> .....	<b>13</b>
<b>Name</b> .....	<b>14</b>
<b>Additional Name Information</b> .....	<b>15</b>
<b>Address Information</b> .....	<b>16</b>
<b>Geographic Location</b> .....	<b>17</b>
<b>Terms of Sale/Deferred Terms of Sale</b> .....	<b>18</b>
<b>Date/Time Reference</b> .....	<b>19</b>
<b>F.O.B. Related Instructions</b> .....	<b>20</b>
<b>Loop IT1</b> .....	<b>22</b>
<b>Baseline Item Data (Invoice)</b> .....	<b>23</b>
<b>Loop PID</b> .....	<b>25</b>
<b>Product/Item Description</b> .....	<b>26</b>
<b>Item Physical Details</b> .....	<b>27</b>
<b>Loop SAC</b> .....	<b>29</b>
<b>Service, Promotion, Allowance, or Charge Information</b> .....	<b>30</b>
<b>Total Monetary Value Summary</b> .....	<b>32</b>
<b>Carrier Detail</b> .....	<b>33</b>
<b>Loop SAC</b> .....	<b>34</b>
<b>Service, Promotion, Allowance, or Charge Information</b> .....	<b>35</b>
<b>Loop ISS</b> .....	<b>38</b>
<b>Invoice Shipment Summary</b> .....	<b>39</b>
<b>Transaction Totals</b> .....	<b>40</b>
<b>Transaction Set Trailer</b> .....	<b>41</b>
<b>Functional Group Trailer</b> .....	<b>42</b>
<b>Interchange Control Trailer</b> .....	<b>43</b>