



810 Invoice

Functional Group ID=**IN**

Introduction:

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.

Notes:

Version 1.4 changes to specifications dated December 1, 2005

BIG02 (Invoice No.) is limited to a maximum of 14 characters.
CAD is noted as "Highly Preferred" by Party City.

Version 1.3 changes to specifications dated June 22, 2004

FOB02 added as a conditional element.

Version 1.2 changes to specifications data June 14, 2004

ISS02 and ISS04 have been added.

GS08 information has been added.

Information has been added for N102 and N104 where N101 = ST or RI.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	0005	ISA	Interchange Control Header	O	1		
	0010	GS	Functional Group Header	O	1		
M	0100	ST	Transaction Set Header	M	1		
M	0200	BIG	Beginning Segment for Invoice	M	1		
	0300	NTE	Note/Special Instruction	O	100		
						LOOP ID - N1	200
M	0700	N1	Name	M	1		
M	0700	N1	Name	M	1		
M	1300	ITD	Terms of Sale/Deferred Terms of Sale	M	>1		
	1400	DTM	Date/Time Reference	O	10		
	1500	FOB	F.O.B. Related Instructions	O	1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID - IT1	200000
M	0100	IT1	Baseline Item Data (Invoice)	M	1		
						LOOP ID - SAC	>1
	1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1		

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	0100	TDS	Total Monetary Value Summary	M	1		
Pref'd	0300	CAD	Carrier Detail	O	1		
			LOOP ID - SAC			>1	
	0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
			LOOP ID - ISS			>1	
	0600	ISS	Invoice Shipment Summary	O	1		
	0700	CTT	Transaction Totals	O	1		n1
M	0800	SE	Transaction Set Trailer	M	1		
	0810	GE	Functional Group Trailer	O	1		
	0820	IEA	Interchange Control Trailer	O	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used CTT02 is the hash total of the quantities invoiced (IT102) for each IT1 segment.

Segment: **ISA** Interchange Control Header
Position: 0005
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ISA01	I01	Authorization Information Qualifier Code identifying the type of information in the Authorization Information 00 No Authorization Information Present (No Meaningful Information in I02)	M 1 ID 2/2
M	ISA02	I02	Authorization Information 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 1 AN 10/10
M	ISA03	I03	Security Information Qualifier Code identifying the type of information in the Security Information 00 No Security Information Present (No Meaningful Information in I04)	M 1 ID 2/2
M	ISA04	I04	Security Information 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 1 AN 10/10
M	ISA05	I05	Interchange ID Qualifier Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
M	ISA06	I06	Interchange Sender ID 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 1 AN 15/15
M	ISA07	I05	Interchange ID Qualifier Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
M	ISA08	I07	Interchange Receiver ID 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 12 Phone (Telephone Companies) – Production Qualifier ZZ Mutually Defined – Test Qualifier	M 1 AN 15/15
M	ISA09	I08	Interchange Date Date of the interchange 9739830888 Production ID PARTYCITYTST Test ID	M 1 DT 6/6
M	ISA10	I09	Interchange Time Time of the interchange	M 1 TM 4/4
M	ISA11	I65	Repetition Separator Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be	M 1 AN 1/1

			different than the data element separator, component element separator, and the segment terminator			
M	ISA12	I11	Interchange Control Version Number Code specifying the version number of the interchange control segments 00403 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999	M	1	ID 5/5
M	ISA13	I12	Interchange Control Number A control number assigned by the interchange sender	M	1	N0 9/9
M	ISA14	I13	Acknowledgment Requested Code indicating sender's request for an interchange acknowledgment	M	1	ID 1/1
M	ISA15	I14	Usage Indicator Code indicating whether data enclosed by this interchange envelope is test, production or information P Production T Testing	M	1	ID 1/1
M	ISA16	I15	Component Element Separator 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	AN 1/1

Segment: **GS** Functional Group Header
Position: 0010
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax Notes:
Semantic Notes:

- 1 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.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	GS01	479 Functional Identifier Code Code identifying a group of application related transaction sets IN Invoice	M 1 ID 2/2
M	GS02	142 Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	M 1 AN 2/15
M	GS03	124 Application Receiver's Code Code identifying party receiving transmission; codes agreed to by trading partners 9739830888 Production ID PARTYCITYTST Test ID	M 1 AN 2/15
M	GS04	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
M	GS05	337 Time 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 1 TM 4/8
M	GS06	28 Group Control Number Assigned number originated and maintained by the sender	M 1 N0 1/9
M	GS07	455 Responsible Agency Code Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 X Accredited Standards Committee X12	M 1 ID 1/2
M	GS08	480 Version / Release / Industry Identifier Code 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 004030VICS Version 4030 VICS	M 1 AN 1/12

Segment: **ST** Transaction Set Header
Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:

- 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 810 Invoice	M 1 ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9

Segment: **BIG** Beginning Segment for Invoice
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes: 1 BIG01 is the invoice issue date.
 2 BIG03 is the date assigned by the purchaser to purchase order.

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BIG01	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
M	BIG02	76	Invoice Number Identifying number assigned by issuer	M 1 AN 1/14
M	BIG03	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
M	BIG04	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M 1 AN 1/15
Not Used	BIG05	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O 1 AN 1/30
Not Used	BIG06	327	Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O 1 AN 1/8
Not Used	BIG07	640	Transaction Type Code Code specifying the type of transaction	O 1 ID 2/2
M	BIG08	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original CO Corrected	M 1 ID 2/2

Segment: **NTE** Note/Special Instruction
Position: 0300
Loop:
Level: Heading
Usage: Optional
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:

Semantic Notes:

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

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	363	Note Reference Code	O 1 ID 3/3
		Code identifying the functional area or purpose for which the note applies Refer to 004030 Data Element Dictionary for acceptable code values.	
M	NTE02	352 Description	M 1 AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: **N1** Name
Position: 0700
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To	M 1 ID 2/3
M	N102	93	Name Free-form name Party City Store Name	M 1 AN 1/60
M	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	M 1 ID 1/2
M	N104	67	Identification Code Code identifying a party or other code Party City Store Number (leading zero for single digit stores, e.g., "02")	M 1 AN 2/80

Segment: **N1** Name
Position: 0700
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual RI Remit To	M 1 ID 2/3
M	N102	93	Name Free-form name Payee Name for Remittance	M 1 AN 1/60
M	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 94 Code assigned by the organization that is the ultimate destination of the transaction set	M 1 ID 1/2
M	N104	67	Identification Code Code identifying a party or other code Supplier's Party City Vendor Code	M 1 AN 2/80

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 1300
Loop:
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify terms of sale
Syntax Notes:

- 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes:

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

Comments:

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

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
ITD01	336	Terms Type Code Code identifying type of payment terms 14 Previously agreed upon	O 1 ID 2/2
ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period 3 Invoice Date	O 1 ID 1/2
ITD03	338	Terms Discount Percent 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 1 R 1/6
ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned	X 1 N0 1/3
ITD06	446	Terms Net Due Date Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O 1 DT 8/8
ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable)	O 1 N0 1/3
Not Used	ITD08	362 Terms Discount Amount Total amount of terms discount	O 1 N2 1/10
Not Used	ITD09	388 Terms Deferred Due Date Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O 1 DT 8/8
Not Used	ITD10	389 Deferred Amount Due Deferred amount due for payment	X 1 N2 1/10
Not Used	ITD11	342 Percent of Invoice Payable Amount of invoice payable expressed in percent	X 1 R 1/5
M	ITD12	352 Description A free-form description to clarify the related data elements and their content Party City Defined Terms Description	M 1 AN 1/80

This MUST MATCH EXACTLY what is sent in ITD12 on the 850/PO

For an updated list or answers to questions, please contact
Nancy Higgins at (973) 453-8641

Segment: **DTM** Date/Time Reference
Position: 1400
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 011 Shipped	M 1 ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8

Segment: **FOB** F.O.B. Related Instructions
Position: 1500
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify transportation instructions relating to shipment
Syntax Notes: 1 If FOB03 is present, then FOB02 is required.
Semantic Notes: 1 FOB01 indicates which party will pay the carrier.
 2 FOB02 is the code specifying transportation responsibility location.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FOB01	146	Shipment Method of Payment Code identifying payment terms for transportation charges CC Collect PC Prepaid but Charged to Customer PP Prepaid (by Seller)	M 1 ID 2/2
	FOB02	309	Location Qualifier Code identifying type of location Refer to 004030 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
	FOB03	352	Description A free-form description to clarify the related data elements and their content	O 1 AN 1/80

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 0100
Loop: IT1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Syntax Notes:
1 If any of IT102 IT103 or IT104 is present, then all are required.
2 If either IT106 or IT107 is present, then the other is required.
3 If either IT108 or IT109 is present, then the other is required.

Semantic Notes: **1** IT101 is the 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.

Data Element Summary

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u> <u>Name</u>		
	IT101 350 Assigned Identification	O	1 AN 1/20
	Alphanumeric characters assigned for differentiation within a transaction set		
M	IT102 358 Quantity Invoiced	M	1 R 1/10
	Number of units invoiced (supplier units)		
M	IT103 355 Unit or Basis for Measurement Code	M	1 ID 2/2
	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
	EA Each		
M	IT104 212 Unit Price	M	1 R 1/17
	Price per unit of product, service, commodity, etc.		
Not Used	IT105 639 Basis of Unit Price Code	O	1 ID 2/2
	Code identifying the type of unit price for an item		
	IT106 235 Product/Service ID Qualifier	X	1 ID 2/2
	Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
	UP UCC - 12		
	Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)		
	IT107 234 Product/Service ID	X	1 AN 1/48
	Identifying number for a product or service		
M	IT108 235 Product/Service ID Qualifier	M	1 ID 2/2
	Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
	VN Vendor's (Seller's) Item Number		
	IT109 234 Product/Service ID	X	1 AN 1/48
	Identifying number for a product or service		

Segment: SAC Service, Promotion, Allowance, or Charge Information

Position: 1800

Loop: SAC Optional

Level: Detail

Usage: Optional

Max Use: 1

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

Syntax Notes: 1 At least one of SAC02 or SAC03 is required.

Semantic Notes: 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.
If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.

Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	SAC01	248 Allowance or Charge Indicator	M 1 ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		C Charge	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X 1 ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		From Party City List	
		A170 Adjustments	
		A250 Advances	
		A260 Advertising Allowance	
		A310 Air Express Charge	
		A930 Carrier Credit Allowance	
		A940 Carrier Debit Allowance	
		B230 COD Amount	
		B240 COD Charges	
		B800 Credit	
		B950 Damaged Merchandise	
		C000 Defective Allowance	
		C300 Discount - Special	
		C420 Drayage	
		C440 Driver Assisted Unloading	
		D240 Freight	
		D270 Fuel Surcharge	
		D500 Handling	
		D820 Inside Delivery	
		D920 Insurance Fee	
		E730 New Item Allowance	
		E740 New Store Allowance	
		E750 New Store Discount	
		E760 New Warehouse Discount	
		F730 Priority Service	
		F800 Promotional Allowance	
		F810 Promotional Discount	
		F970 Rebate	
		G160 Redelivery	
		G240 Refund	
		G470 Restocking Charge	
		H000 Special Allowance	
		H400 Stopcharge	
		H600 Tank Rental	

			H730	Tax - Local Sales Tax All applicable sales taxes by taxing authorities below the State level			
			H750	Tax - Sales Tax (State and Local)			
			I500	Vendor Freight			
			I530	Volume Discount			
Not Used	SAC03	559	Agency Qualifier Code		X	1	ID 2/2
			Code identifying the agency assigning the code values				
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code		X	1	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge				
	SAC05	610	Amount		O	1	N2 1/15
			Monetary amount				

Segment: **TDS** Total Monetary Value Summary
Position: 0100
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Syntax Notes:
Semantic Notes: 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	TDS01	610	Amount	M 1 N2 1/15
			Monetary amount	
			Total Invoice Amount	

Segment: **CAD** Carrier Detail
Position: 0300
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To specify transportation details for the transaction
Syntax Notes: 1 At least one of CAD05 or CAD04 is required.
 2 If CAD07 is present, then CAD08 is required.
Semantic Notes:
Comments: **While an Optional segment, Party City strongly encourages all Vendors to use this segment to speed reconciliation.**

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
CAD01	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment	O 1 ID 1/2
		AF Air Freight	
		CE Customer Pickup / Customer's Expense	
		E Expedited Truck	
		FA Air Freight Forwarder	
		A firm other than a railroad, motor, or water carrier, which represents itself as a common carrier and undertakes to assemble and consolidate shipments or provide for same and assumes responsibility for the air transportation of such property from point of receipt to its destination. Delivery is "Held in Bond"	
		H Customer Pickup	
		J Motor	
		LD Local Delivery	
		M Motor (Common Carrier)	
		P Private Carrier	
		R Rail	
		SF Surface Freight Forwarder	
		T Best Way (Shippers Option)	
		U Private Parcel Service	
Not Used	CAD02	206 Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number	O 1 AN 1/4
Not Used	CAD03	207 Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	O 1 AN 1/10
Rec.	CAD04	140 Standard Carrier Alpha Code Standard Carrier Alpha Code	X 1 ID 2/4
Rec.	CAD05	387 Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X 1 AN 1/35
	CAD06	368 Shipment/Order Status Code Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	O 1 ID 2/2
		BP Shipment Partial, Back Order to Ship on (Date)	
		CC Shipment Complete on (Date)	
		CL Complete	
		Material on the load is for one producer	
		CP Partial Shipment on (Date), Considered No Backorder	
Rec.	CAD07	128 Reference Identification Qualifier Code qualifying the Reference Identification	O 1 ID 2/3
		BM Bill of Lading Number	

Rec.	CAD08	127	CN	Carrier's Reference Number (PRO/Invoice)				
			Reference Identification		X	1	AN 1/50	
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
			Bill of Lading or Pro Number					

Segment: SAC Service, Promotion, Allowance, or Charge Information

Position: 0400

Loop: SAC Optional

Level: Summary

Usage: Optional

Max Use: 1

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

Syntax Notes: 1 At least one of SAC02 or SAC03 is required.

2 If either SAC03 or SAC04 is present, then the other is required.

Semantic Notes: 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.

If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>		
M	SAC01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge	M	1	ID 1/1
	SAC02	1300	Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge From Party City List – See list under Detail SAC (pp. 15-16)	X	1	ID 4/4
Not Used	SAC03	559	Agency Qualifier Code Code identifying the agency assigning the code values	X	1	ID 2/2
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, promotion, allowance, or charge	X	1	AN 1/10
	SAC05	610	Amount Monetary amount	O	1	N2 1/15

Segment: **ISS Invoice Shipment Summary**
Position: 0600
Loop: ISS Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

- Syntax Notes:**
- 1 At least one of ISS01 ISS03 or ISS05 is required.
 - 2 If either ISS01 or ISS02 is present, then the other is required.
 - 3 If either ISS03 or ISS04 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	ISS01	382 Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M 1 R 1/10
	ISS02	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	X 1 ID 2/2
	ISS03	81 Weight Numeric value of weight	X 1 R 1/10
	ISS04	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pounds	X 1 ID 2/2

Segment: CTT Transaction Totals

Position: 0700
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes:
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction set	M 1 N0 1/6

Segment: **SE** Transaction Set Trailer
Position: 0800
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
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)

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M 1 N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9

Segment: **GE** Functional Group Trailer
Position: 0810
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax Notes:
Semantic Notes: 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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	GE01	97	Number of Transaction Sets Included Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M 1 N0 1/6
M	GE02	28	Group Control Number Assigned number originated and maintained by the sender	M 1 N0 1/9

Segment: **IEA** Interchange Control Trailer
Position: 0820
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	IEA01	I16	Number of Included Functional Groups A count of the number of functional groups included in an interchange	M 1 N0 1/5
M	IEA02	I12	Interchange Control Number A control number assigned by the interchange sender	M 1 N0 9/9