

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.

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>
M	010	ST	Transaction Set Header	M	1		
M	020	BIG	Beginning Segment for Invoice	M	1		
LOOP ID - N1						3	
M	070	N1	Name	M	1		
M	090	N3	Address Information	M	1		
M	100	N4	Geographic Location	M	1		
M	130	ITD	Terms of Sale/Deferred Terms of Sale	M	>1		
M	140	DTM	Date/Time Reference	M	1		
M	150	FOB	F.O.B. Related Instructions	M	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						144	
M	010	IT1	Baseline Item Data (Invoice)	M	1		
LOOP ID - PID						144	
M	060	PID	Product/Item Description	M	1		
M	100	PO4	Item Physical Details	M	1		
	140	SDQ	Destination Quantity	O	500		

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	010	TDS	Total Monetary Value Summary	M	1		
M	030	CAD	Carrier Detail	M	1		
LOOP ID - SAC						6	
M	040	SAC	Service, Promotion, Allowance, or Charge Information	M	1		
LOOP ID - ISS						>1	
M	060	ISS	Invoice Shipment Summary	M	1		
M	070	CTT	Transaction Totals	M	1		n1
M	080	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

- 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.

Segment: **ST** Transaction Set Header
Position: 010
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).
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 Refer to 004010 Data Element Dictionary for acceptable code values.	M 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 AN 4/9

Segment: **BIG** Beginning Segment for Invoice
Position: 020
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.
Comments:

Data Element Summary				
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BIG01	373	Date Date expressed as CCYYMMDD Invoice issue date.	M DT 8/8
M	BIG02	76	Invoice Number Identifying number assigned by issuer	M AN 1/22
	BIG03	373	Date Date expressed as CCYYMMDD Not used by Gordmans	O DT 8/8
M	BIG04	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser Send the same number here that was received on the 850 PO in the element BEG03. The purchase order number will be formatted DDDHNNNNN (9 characters). DDD=Department number, H is a literal H, NNNNN=PO number.	M AN 1/22
	BIG05	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction Not used by Gordmans	O AN 1/30
	BIG06	327	Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set Not used by Gordmans	O AN 1/8
	BIG07	640	Transaction Type Code Code specifying the type of transaction Not used by Gordmans Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **N1** Name
Position: 070
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
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.
Notes: The ST (Ship To) and VN (Vendor) loops are mandatory.
 The RE (Party to receive invoice remittance) is optional.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual RE Party to receive commercial invoice remittance ST Ship To VN Vendor	M ID 2/3
M	N102	93 Name Free-form name Gordmans only uses the first 35 characters of this element. If N101="ST" then N102= "Gordmans"	M AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) A value of 1 is mandatory if N101 contains RE or VN. A value of 92 is mandatory if N101=ST and an invoice for each Selling Store for a PO is received. 1 D-U-N-S Number, Dun & Bradstreet 92 Assigned by Buyer or Buyer's Agent	O ID 1/2
	N104	67 Identification Code Code identifying a party or other code The DUNS Number is mandatory if N103=1. Gordman's four digit store number is mandatory if the N103=92. This is a turn around value from SDQ segment of the 850(PO).	C AN 11/11

Segment: N3 Address Information
Position: 090
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information Gordmans only uses the first 35 characters of this element.	M AN 1/55
	N302	166	Address Information Address information Gordmans uses only the first 35 characters of this element.	O AN 1/55

Segment: **N4 Geographic Location**
Position: 100
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
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.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N401	19	City Name Free-form text for city name	M AN 2/30
M	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	M ID 2/2
M	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M ID 3/15
	N404	26	Country Code Code identifying the country	O ID 2/3
	N405	309	Location Qualifier Code identifying type of location Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
	N406	310	Location Identifier Code which identifies a specific location	O AN 1/30

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
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 ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
	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 R 1/6
	ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned	C N0 1/3
M	ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable)	M N0 1/3
	ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD	O DT 8/8
	ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent	O R 1/5
M	ITD12	352	Description A free-form description to clarify the related data elements and their content	M AN 1/36

Segment: **DTM** Date/Time Reference
Position: 140
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
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

	Ref.	Data	Name	Attributes
	Des.	Element		
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 011 Shipped	M ID 3/3
M	DTM02	373	Date Date expressed as CCYYMMDD	M DT 8/8

Segment: **FOB** F.O.B. Related Instructions

Position: 150

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To specify transportation instructions relating to shipment

Syntax Notes: 1 If FOB03 is present, then FOB02 is required.

2 If FOB04 is present, then FOB05 is required.

3 If FOB07 is present, then FOB06 is required.

4 If FOB08 is present, then FOB09 is required.

Semantic Notes: 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.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	FOB01	146	Shipment Method of Payment Code identifying payment terms for transportation charges CC Collect PP Prepaid (by Seller)	M ID 2/2
M	FOB02	309	Location Qualifier Code identifying type of location DE Destination (Shipping) FA Factory	M ID 1/2
M	FOB03	352	Description A free-form description to clarify the related data elements and their content Should be the same as received on the 850 PO in the FOB03 element. Gordmans uses only the first 8 characters.	M AN 1/80
	FOB04	334	Transportation Terms Qualifier Code Code identifying the source of the transportation terms Not used by Gordmans	O ID 2/2
	FOB05	335	Transportation Terms Code Code identifying the trade terms which apply to the shipment transportation responsibility Not used by Gordmans Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 3/3
M	FOB06	309	Location Qualifier Code identifying type of location AC City and State DE Destination (Shipping) FA Factory TL Terminal Cargo Location	M ID 1/2
M	FOB07	352	Description A free-form description to clarify the related data elements and their content Should be the same as received on the 850 PO in the FOB07 element. Gordmans uses only the first 25 characters.	M AN 1/80
	FOB08	54	Risk of Loss Code Code specifying where responsibility for risk of loss passes Not used by Gordmans	O ID 2/2
	FOB09	352	Description A free-form description to clarify the related data elements and their content	O AN 1/25

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 010
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.
 - 4 If either IT110 or IT111 is present, then the other is required.
 - 5 If either IT112 or IT113 is present, then the other is required.
 - 6 If either IT114 or IT115 is present, then the other is required.
 - 7 If either IT116 or IT117 is present, then the other is required.
 - 8 If either IT118 or IT119 is present, then the other is required.
 - 9 If either IT120 or IT121 is present, then the other is required.
 - 10 If either IT122 or IT123 is present, then the other is required.
 - 11 If either IT124 or IT125 is present, then the other is required.

- Semantic Notes:**
- 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.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	IT101	350	Assigned Identification	M AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set Should be the same as received on the 850 PO in the IT101 element. Gordmans uses only three(3) characters. These is the PO Line Number.	
M	IT102	358	Quantity Invoiced	M R 1/10
			Number of units invoiced (supplier units) Gordmans uses only five(5) characters of this element.	
M	IT103	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken DZ Dozen EA Each	
M	IT104	212	Unit Price	M R 1/17
			Price per unit of product, service, commodity, etc.	
M	IT106	235	Product/Service ID Qualifier	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) VA Vendor's Style Number	
M	IT107	234	Product/Service ID	M AN 1/48
			Identifying number for a product or service	
M	IT108	235	Product/Service ID Qualifier	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) VE Vendor Color	
M	IT109	234	Product/Service ID	M AN 1/48
			Identifying number for a product or service	
M	IT110	235	Product/Service ID Qualifier	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) SZ Vendor Alphanumeric Size Code (NRMA)	

M	IT111	234	Product/Service ID Identifying number for a product or service	M	AN 1/8
M	IT112	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M	ID 2/2
			UP U.P.C. Consumer Package Code (1-5-5-1)		
M	IT113	234	Product/Service ID Identifying number for a product or service	M	AN 1/48
M	IT114	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M	ID 2/2
			IT Buyer's Style Number		
M	IT115	234	Product/Service ID Identifying number for a product or service	M	AN 1/48

Segment: **PID** Product/Item Description

Position: 060

Loop: PID Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Semantic Notes:

- 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.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349	Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
M	PID05	352	Description A free-form description to clarify the related data elements and their content Gordmans only uses 25 characters of this element. This is the item description.	M AN 1/80

Segment: **PO4** Item Physical Details

Position: 100

Loop: IT1 Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

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

- Syntax Notes:**
- 1 If either PO402 or PO403 is present, then the other is required.
 - 2 If PO405 is present, then PO406 is required.
 - 3 If either PO406 or PO407 is present, then the other is required.
 - 4 If either PO408 or PO409 is present, then the other is required.
 - 5 If PO410 is present, then PO413 is required.
 - 6 If PO411 is present, then PO413 is required.
 - 7 If PO412 is present, then PO413 is required.
 - 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
 - 9 If PO417 is present, then PO416 is required.
 - 10 If PO418 is present, then PO404 is required.

- Semantic Notes:**
- 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.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	PO401	356	Pack	M N0 1/6
			The number of inner containers, or number of eaches if there are no inner containers, per outer container	
M	PO414	810	Inner Pack	M N0 1/3
			The number of eaches per inner container	

Segment:	SDQ Destination Quantity
Position:	140
Loop:	IT1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	500
Purpose:	To specify destination and quantity detail
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SDQ05 or SDQ06 is present, then the other is required. 2 If either SDQ07 or SDQ08 is present, then the other is required. 3 If either SDQ09 or SDQ10 is present, then the other is required. 4 If either SDQ11 or SDQ12 is present, then the other is required. 5 If either SDQ13 or SDQ14 is present, then the other is required. 6 If either SDQ15 or SDQ16 is present, then the other is required. 7 If either SDQ17 or SDQ18 is present, then the other is required. 8 If either SDQ19 or SDQ20 is present, then the other is required. 9 If either SDQ21 or SDQ22 is present, then the other is required.
Semantic Notes:	1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.
Comments:	<ol style="list-style-type: none"> 1 SDQ02 is used only if different than previously defined in the transaction set. 2 SDQ03 is the store number. 3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
SDQ01	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 DZ Dozen EA Each	O ID 2/2
SDQ02	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	O ID 1/2
SDQ03	67	Identification Code Code identifying a party or other code	O AN 2/80
SDQ04	380	Quantity Numeric value of quantity	C R 1/15
SDQ05	67	Identification Code Code identifying a party or other code	O AN 2/80
SDQ06	380	Quantity Numeric value of quantity	C R 1/15
SDQ07	67	Identification Code Code identifying a party or other code	O AN 2/80
SDQ08	380	Quantity Numeric value of quantity	C R 1/15
SDQ09	67	Identification Code Code identifying a party or other code	O AN 2/80
SDQ10	380	Quantity Numeric value of quantity	C R 1/15
SDQ11	67	Identification Code Code identifying a party or other code	O AN 2/80
SDQ12	380	Quantity Numeric value of quantity	C R 1/15
SDQ13	67	Identification Code Code identifying a party or other code	O AN 2/80
SDQ14	380	Quantity	C R 1/15

SDQ15	67	Numeric value of quantity Identification Code	O	AN 2/80
SDQ16	380	Code identifying a party or other code Quantity	C	R 1/15
SDQ17	67	Numeric value of quantity Identification Code	O	AN 2/80
SDQ18	380	Code identifying a party or other code Quantity	C	R 1/15
SDQ19	67	Numeric value of quantity Identification Code	O	AN 2/80
SDQ20	380	Code identifying a party or other code Quantity	C	R 1/15
SDQ21	67	Numeric value of quantity Identification Code	O	AN 2/80
SDQ22	380	Code identifying a party or other code Quantity	C	R 1/15
		Numeric value of quantity		

Segment: **TDS** Total Monetary Value Summary

Position: 010

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).
- 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.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	TDS01	610	Amount Monetary amount Amount of invoice before terms discount.	M N2 1/15
M	TDS02	610	Amount Monetary amount Amount upon which the terms discount amount is calculated.	M N2 1/15
M	TDS03	610	Amount Monetary amount Amount of invoice due if paid by terms discount due date.	M N2 1/15
	TDS04	610	Amount Monetary amount Total amount of terms discount.	O N2 1/15

Segment: **CAD** Carrier Detail
Position: 030
Loop:
Level: Summary
Usage: Mandatory
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:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CAD01	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
CAD04	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	O ID 2/4
M CAD05	387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	M AN 1/35
CAD07	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/3
CAD08	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O AN 1/30

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 040
Loop: SAC Mandatory
Level: Summary
Usage: Mandatory
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.
- 3 If either SAC06 or SAC07 is present, then the other is required.
- 4 If either SAC09 or SAC10 is present, then the other is required.
- 5 If SAC11 is present, then SAC10 is required.
- 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
- 7 If SAC14 is present, then SAC13 is required.
- 8 If SAC16 is present, then SAC15 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.
- 3 SAC08 is the allowance or charge rate per unit.
- 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
- 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
- 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
- 7 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.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
M	SAC01	248 Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified	M ID 1/1
		A Allowance	
M	SAC02	1300 Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge	M ID 4/4
		A260 Advertising Allowance	
		C000 Defective Allowance	
		D200 Freight Charges to Destination	
		I170 Trade Discount	
M	SAC06	378 Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated	M ID 1/1
		3 Discount/Gross	
M	SAC07	332 Percent Percent expressed as a percent	M R 1/6
M	SAC12	331 Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge	M ID 2/2
		02 Off Invoice	

Segment: **ISS** Invoice Shipment Summary
Position: 060
Loop: ISS Mandatory
Level: Summary
Usage: Mandatory
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.
- 4 If either ISS05 or ISS06 is present, then the other is required.

Semantic Notes:

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

Comments:

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
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 R 1/10
M	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 DZ Dozen EA Each	M ID 2/2
M	ISS03	81 Weight Numeric value of weight	M R 1/10
M	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 Pound	M ID 2/2
M	ISS05	183 Volume Value of volumetric measure	M R 1/8
M	ISS06	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 CT Carton	M ID 2/2

Segment: **CTT** Transaction Totals

Position: 070

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

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

Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.

2 If either CTT05 or CTT06 is present, then the other is required.

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

Segment: **SE** Transaction Set Trailer
Position: 080
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 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 AN 4/9