

# **MERVYNS**

**810 Invoice - IMPORT**

**Version: X12 4010**

<b>Revision Date</b>	<b>Description</b>	<b>Version</b>

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# 810

# Invoice

## Functional Group=IN

**Purpose:** This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BIG	Beginning Segment for Invoice	M	1			Must use
040	CUR	Currency	O	1			Used
050	REF	Reference Identification	M	12			Must use
<b>LOOP ID - N1</b>			-	-	<b>200</b>	-	-
070	N1	Name	M	1			Must use
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used
140	DTM	Date/Time Reference	O	10			Used
<b>LOOP ID - V1</b>			-	-	<b>≥1</b>	-	-
260	V1	Vessel Identification	O	1			Used

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - IT1</b>			-	-	<b>200000</b>	-	-
010	IT1	Baseline Item Data (Invoice)	M	1			Must use
<b>LOOP ID - PID</b>			-	-	<b>1000</b>	-	-
060	PID	Product/Item Description	O	1			Used
120	REF	Reference Identification	O	>1			Used
<b>LOOP ID - N1</b>			-	-	<b>200</b>	-	-
240	N1	Name	O	1			Used
270	N4	Geographic Location	O	1			Used

### Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	TDS	Total Monetary Value Summary	M	1			Must use
035	AMT	Monetary Amount	O	>1			Used
<b>LOOP ID - SAC</b>			-	-	<b>25</b>	-	-
040	SAC	Service, Promotion, Allowance, or Charge Information	M	1			Must use
<b>LOOP ID - ISS</b>			-	-	<b>≥1</b>	-	-
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

### 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.

# ST Transaction Set Header

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

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

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

\*\*\*\*\*

Sample ST Segment(s)

ST\*810\*0001~

\*\*\*\*\*

## Element Summary:

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

## 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

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

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

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

\*\*\*\*\*  
 Sample BIG Segment(s)

BIG\*20070308\*STB-07-02-045\*\*0000142139\*\*\*FI~

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BIG01	373	<b>Date</b>	M	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD <i>Invoice issue date.</i>						
BIG02	76	<b>Invoice Number</b>	M	AN	1/22	Must use
<b>Description:</b> Identifying number assigned by issuer						
BIG04	324	<b>Purchase Order Number</b>	M	AN	1/22	Must use
<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser <i>Send the same number here that was received on the 850 PO in element BEG03. This is the 10-digit PO Number</i>						
BIG05	328	<b>Release Number</b>	O	AN	1/30	Used
<b>Description:</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction <i>Send the same number here that was received on the 850 PO in element BEG04. This element is used only when BEG02 = 'RL' on the PO850. It contains the 10-digit Release PO# issued against a Bulk/Blanket order.</i>						
BIG07	640	<b>Transaction Type Code</b>	O	ID	2/2	Used
<b>Description:</b> Code specifying the type of transaction <i>The "DO" code is required for Drop Ship to Guest Home. N102, N3 and N4 are also required for this situation. **All other invoices (credit, display, samples, freight only, pallets, etc.) must be on paper and mailed to the appropriate area.</i>						
		<b><u>Code</u></b>	<b><u>Name</u></b>			
		DO	Drop Shipment Invoice			
		FI	First Cost Invoice			

## Semantics:

1. BIG01 is the invoice issue date.

## Comments:

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

# CUR Currency

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

**User Option (Usage):** Used

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

\*\*\*\*\*

Sample CUR Segment(s)

CUR\*VN\*USD~

\*\*\*\*\*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual				
		<u>Code</u>		<u>Name</u>		
		VN		Vendor		
CUR02	100	Currency Code	M	ID	3/3	Must use
		<b>Description:</b> Code (Standard ISO) for country in whose currency the charges are specified				

# REF Reference Identification

Pos: 050	Max: 12
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use  
**Purpose:** To specify identifying information

\*\*\*\*\*  
 Two occurrences must be sent, where REF01 = IA & DP.

Sample REF Segment(s)

REF\*DN\*KV3/070480\*FOB DLC~  
 \*\*\*\*\*

## 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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
DN	Draft Number
DP	Department Number
I5	Invoice Identification
IA	Internal Vendor Number
NB	Letter of Credit Number
WT	Broker's Reference Number

REF02	127	Reference Identification	M	AN	1/30	Must use
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

*IA = Vendor Number*  
*DP = Department*



# Loop N1

Pos: 070	Repeat: 200
Mandatory	
Loop: N1	Elements: N/A

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

**Purpose:** 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	M	1		Must use

# N1

# Name

Pos: 070	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 3

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

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

\*\*\*\*\*

One occurrence of the N1 must be sent, where N101 = BY or BS (Common Predistro).

Sample N1 Segment(s)

N1\*ST\*\*92\*00906~

\*\*\*\*\*

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual				
		<b><u>Code</u></b>		<b><u>Name</u></b>		
		BS		Bill and Ship To		
		BY		Buying Party (Purchaser)		
		ST		Ship To		
N103	66	<b>Identification Code Qualifier</b>	M	ID	1/2	Must use
		<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)				
		<b><u>Code</u></b>		<b><u>Name</u></b>		
		92		Assigned by Buyer or Buyer's Agent		
N104	67	<b>Identification Code</b>	O	AN	2/80	Must use
		<b>Description:</b> Code identifying a party or other code				
		<i>This will contain the 5-digit Mervyns Corporation Location Number (DC Number)</i>				

# ITD

## Terms of Sale/Deferred Terms of Sale

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

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

\*\*\*\*\*  
 Sample ITD Segment(s)  
 ITD\*ZZ\*2\*\*\*\*20070430\*60~  
 \*\*\*\*\*

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code	O	ID	2/2	Used

**Description:** Code identifying type of payment terms

<u>Code</u>	<u>Name</u>
01	Basic
02	End of Month (EOM)
10	Instant
14	Previously agreed upon
ZZ	Mutually Defined

ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
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**Description:** Code identifying the beginning of the terms period

<u>Code</u>	<u>Name</u>
2	Delivery Date
3	Invoice Date

ITD03	338	Terms Discount Percent	O	R	1/6	Used
-------	-----	------------------------	---	---	-----	------

**Description:** Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

*99.999=Discount %  
 (Note that digits after the decimal are floating and not fixed. This means ending zeroes will be dropped, e.g. 9.990 will display as 9.99, but 9.999 will display as 9.999)*

ITD04	370	Terms Discount Due Date	X	DT	8/8	Used
-------	-----	-------------------------	---	----	-----	------

**Description:** Date payment is due if discount is to be earned expressed in format CCYYMMDD

ITD05	351	Terms Discount Days Due	X	N0	1/3	Used
-------	-----	-------------------------	---	----	-----	------

**Description:** Number of days in the terms discount period by which payment is due if terms discount is earned

ITD06	446	Terms Net Due Date	O	DT	8/8	Used
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**Description:** Date when total invoice amount becomes due expressed in format CCYYMMDD

ITD07	386	Terms Net Days	O	N0	1/3	Used
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**Description:** Number of days until total invoice amount is due (discount not applicable)

# DTM Date/Time Reference

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

**User Option (Usage):** Used

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

\*\*\*\*\*  
 Sample DTM Segment(s)

DTM\*035\*20070301~  
 DTM\*810\*20070306~

\*\*\*\*\*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
<b>Description:</b> Code specifying type of date or time, or both date and time						
		<u>Code</u>	<u>Name</u>			
		035	Delivered			
		810	Document Received			

DTM02	373	Date	X	DT	8/8	Used
<b>Description:</b> Date expressed as CCYYMMDD						

## Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

# Loop V1

Pos: 260	Repeat: >1
	Optional
Loop: V1	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To provide vessel details and voyage number

## 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>
260	V1	Vessel Identification	O	1		Used

# V1

# Vessel Identification

Pos: 260	Max: 1
Heading - Optional	
Loop: V1	Elements: 3

**User Option (Usage):** Used

**Purpose:** To provide vessel details and voyage number

\*\*\*\*\*  
 Sample V1 Segment(s)

V1\*\*SINAR LOMBOK 117\*\*\*\*\*S~  
 \*\*\*\*\*

## 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>
V101	597	<b>Vessel Code</b>	X	ID	1/8	Used
		<b>Description:</b> Code identifying vessel				
V102	182	<b>Vessel Name</b>	X	AN	2/28	Used
		<b>Description:</b> Name of ship as documented in "Lloyd's Register of Ships"				
V109	91	<b>Transportation Method/Type Code</b>	O	ID	1/2	Used
		<b>Description:</b> Code specifying the method or type of transportation for the shipment				
		<u>Code</u>		<u>Name</u>		
		A		Air		
		M		Motor (Common Carrier)		
		S		Ocean		

# Loop IT1

Pos: 010	Repeat: 200000
Mandatory	
Loop: IT1	Elements: N/A

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

**Purpose:** 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)	M	1		Must use
060		Loop PID	O		1000	Used
120	REF	Reference Identification	O	>1		Used
240		Loop N1	O		200	Used

# IT1

# Baseline Item Data (Invoice)

Pos: 010	Max: 1
Detail - Mandatory	
Loop: IT1	Elements: 6

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

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

\*\*\*\*\*

Sample IT1 Segment(s)

IT1\*\*192\*EA\*1.9100\*\*CB\*001233197~

\*\*\*\*\*

## 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>
IT101	350	<b>Assigned Identification</b>	O	AN	1/20	Used
		<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set				
IT102	358	<b>Quantity Invoiced</b>	M	R	1/10	Must use
		<b>Description:</b> Number of units invoiced (supplier units)				
IT103	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<u>Code</u>		<u>Name</u>		
		EA		Each		
IT104	212	<b>Unit Price</b>	M	R	1/17	Must use
		<b>Description:</b> Price per unit of product, service, commodity, etc.				
		<i>When more than 5 decimals are sent, rounding or truncation will occur. If the 6th decimal place is 5 or more, the 5th decimal place will be rounded upwards and the rest will be dropped. If the 6th decimal is less than 5, the rest will be truncated.</i>				
		<i>EDI 810 value</i>		<i>Translation</i>		
		2.444445		2.44445		
		2.444444		2.44444		
IT106	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<u>Code</u>		<u>Name</u>		
		CB		Buyer's Catalog Number		
IT107	234	<b>Product/Service ID</b>	M	AN	1/48	Must use
		<b>Description:</b> Identifying number for a product or service				

## 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

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

**User Option (Usage):** Used

**Purpose:** 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

Pos: 060	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

**User Option (Usage):** Used

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

\*\*\*\*\*  
 Sample PID Segment(s)

PID\*F\*08\*\*\*BOYS 100% COTTON KNIT TOP ~  
 \*\*\*\*\*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Must use
		<b>Description:</b> Code indicating the format of a description				
		<u>Code</u>		<u>Name</u>		
		F		Free-form		
PID02	750	Product/Process Characteristic Code	O	ID	2/3	Used
		<b>Description:</b> Code identifying the general class of a product or process characteristic				
		<u>Code</u>		<u>Name</u>		
		08		Product		
PID05	352	Description	X	AN	1/80	Used
		<b>Description:</b> A free-form description to clarify the related data elements and their content				

## 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.

# REF Reference Identification

Pos: 120	Max: >1
Detail - Optional	
Loop: IT1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify identifying information

\*\*\*\*\*

Sample REF Segment(s)

REF\*PO\*0000142139~

\*\*\*\*\*

## 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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
PO	Purchase Order Number

REF02	127	Reference Identification	X	AN	1/30	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

# Loop N1

Pos: 240	Repeat: 200
Optional	
Loop: N1	Elements: N/A

**User Option (Usage):** Used

**Purpose:** 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>
240	N1	Name	O	1		Used
270	N4	Geographic Location	O	1		Used

# N1

# Name

Pos: 240	Max: 1
Detail - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

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

\*\*\*\*\*  
 Sample N1 Segment(s)

N1\*MF\*SAE-A TRADING CO., LTD.~  
 \*\*\*\*\*

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual All valid standard codes are used.				
N102	93	<b>Name</b>	X	AN	1/60	Used
		<b>Description:</b> Free-form name				

### 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.

# N4

## Geographic Location

Pos: 270	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

**Purpose:** 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>
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	<b>Country Code</b>	O	ID	2/3	Used
		<b>Description:</b> Code identifying the country				

### 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.

# TDS Total Monetary Value Summary

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

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

**Purpose:** To specify the total invoice discounts and amounts

\*\*\*\*\*

Sample TDS Segment(s)

TDS\*53000~

2 Decimal places implied

\*\*\*\*\*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDS01	610	Amount	M	N2	1/15	Must use

**Description:** Monetary amount

*Total amount of invoice (including charges, less allowances) before terms discount.*

*Two decimal places are assumed to be included in the value. For example \$12 must be sent as 1200.*

## 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.

## Comments:

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

# AMT Monetary Amount

Pos: 035	Max: >1
Summary - Optional	
Loop: N/A	Elements: 3

**User Option (Usage):** Used

**Purpose:** To indicate the total monetary amount

\*\*\*\*\*

Sample AMT Segment(s)

AMT\*5\*4881.96\*D~

\*\*\*\*\*

## 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>
AMT01	522	<b>Amount Qualifier Code</b>	M	ID	1/3	Must use
		<b>Description:</b> Code to qualify amount				
		<u>Code</u>		<u>Name</u>		
		5		Total Invoice Amount		
AMT02	782	<b>Monetary Amount</b>	M	R	1/18	Must use
		<b>Description:</b> Monetary amount				
AMT03	478	<b>Credit/Debit Flag Code</b>	O	ID	1/1	Used
		<b>Description:</b> Code indicating whether amount is a credit or debit				
		<b>All valid standard codes are used.</b>				



# Loop SAC

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

**User Option (Usage):** Used

**Purpose:** 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	M	1		Must use

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Mandatory	
Loop: SAC	Elements: 7

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

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

\*\*\*\*\*  
Sample SAC Segment(s)

SAC\*A\*A260\*\*\*504\*3\*2\*\*\*\*\*02\*\*\*CO-OP ADVERTISING~  
 SAC\*A\*C000\*\*\*50\*3\*2\*\*\*\*\*02\*\*\*RTV ALLOWANCE~  
 SAC\*A\*I570\*\*\*252\*3\*1\*\*\*\*\*02\*\*\*WAREHOUSE ALLOWANCE~  
 SAC\*C\*B310\*\*\*Z\*5\*\*\*\*\*02\*\*\*Commission Amount~

Additional SAC Segments will be sent if commissions and royalty charges are applicable, allowances or charges.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use

**Description:** Code which indicates an allowance or charge for the service specified

<u>Code</u>	<u>Name</u>
A	Allowance

SAC02	1300	Service, Promotion, Allowance, or Charge Code	M	ID	4/4	Must use
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**Description:** Code identifying the service, promotion, allowance, or charge  
*Below is a list of the most common codes.*

<u>Code</u>	<u>Name</u>
A260	Advertising Allowance
B010	Cents Off
B310	Commission Amount
B720	Cooperative Advertising/Merchandising Allowance (Performance)
C000	Defective Allowance
C310	Discount
C320	Display Allowance
D170	Free Goods
D860	Inspection Fee
E750	New Store Discount
F800	Promotional Allowance
F810	Promotional Discount
H000	Special Allowance
H010	Special Buy
I170	Trade Discount
I530	Volume Discount
I570	Warehouse
I730	Price Adjustment Percent (PCT)
ZZZZ	Mutually Defined

SAC05	610	Amount	M	N2	1/15	Must use
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**Description:** Monetary amount

SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used
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**Description:** Code indicating on what basis allowance or charge percent is calculated

<u>Code</u>	<u>Name</u>
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		3	Discount/Gross				
		Z	Mutually Defined				
SAC07	332	<b>Percent</b>		X	R	1/6	Used
		<b>Description:</b> Percent expressed as a percent					
SAC08	118	<b>Rate</b>		O	R	1/9	Used
		<b>Description:</b> Rate expressed in the standard monetary denomination for the currency specified					
SAC10	380	<b>Quantity</b>		X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity					

**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. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
5. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.

# Loop ISS

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

**User Option (Usage):** Used

**Purpose:** 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

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

**User Option (Usage):** Used

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

\*\*\*\*\*  
 Mervyns Corporation requires one occurrence of the ISS with the total amount in eaches.

Sample ISS Segment(s)

ISS\*213.0000\*CT~

\*\*\*\*\*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISS01	382	<b>Number of Units Shipped</b>	X	R	1/10	Used

**Description:** Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

ISS02	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

<u>Code</u>	<u>Name</u>
CT	Carton
EA	Each

# CTT Transaction Totals

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

**User Option (Usage):** Used

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

\*\*\*\*\*

Sample CTT Segment(s)

CTT\*25~

\*\*\*\*\*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	NO	1/6	Must use

**Description:** Total number of line items in the transaction set

## Comments:

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

# SE

# Transaction Set Trailer

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

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

**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)

\*\*\*\*\*

Sample SE Segment(s)

SE\*25\*0001~

\*\*\*\*\*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	NO	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

## Comments:

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