810 Invoice - Mervyns Corporation (Version 4010)
Revised: February 2006

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:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BIG	Beginning Segment for Invoice	M	1		
	030	NTE	Note/Special Instruction	O	100		
Must Use	050	REF	Reference Identification	O	12		
			LOOP ID - N1			200	
Must Use	070	N1	Name	O	1		
	090	N3	Address Information	O	2		
	100	N4	Geographic Location	O	1		
Must Use	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
Must Use	140	DTM	Date/Time Reference	O	10		

Detail:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
Must Use	010	IT1	Baseline Item Data (Invoice)	O	1		
	030	IT3	Additional Item Data	O	5		
	050	CTP	Pricing Information	O	25		
			LOOP ID - PID			1000	
	060	PID	Product/Item Description	O	1		
	100	PO4	Item Physical Details	O	1		
			LOOP ID - SAC			25	
	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1		

Summary:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	TDS	Total Monetary Value Summary	M	1		
Must Use	030	CAD	Carrier Detail	O	1		
			LOOP ID - SAC			25	
	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		

				LOOP ID - ISS			>1	
Must Use	060	ISS	Invoice Shipment Summary	O	1		
Must Use	070	CTT	Transaction Totals	O	1	n1
M	080	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. 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:	Must Use
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:	
Notes:	

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Sample ST Segment
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ST*810*0001
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Data Element Summary

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

	Segment:	**BIG** Beginning Segment for Invoice
	Position:	020
	Loop:	
	Level:	Heading
	Usage:	Must Use
	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.
	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.

Notes:
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Sample BIG Segment
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BIG*20060210*7654321**0123456789*0123456790
****

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name		Attributes
M	BIG01	373	**Date**	M	DT 8/8
			Date expressed as CCYYMMDD		
			Invoice issue date.		
M	BIG02	76	**Invoice Number**	M	AN 1/22
			Identifying number assigned by issuer		
	BIG03	373	**Date**	O	DT 8/8
			Date expressed as CCYYMMDD		
			Not used by Mervyns Corporation.		
Must Use	BIG04	324	**Purchase Order Number**	O	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			Send the same number here that was received on the 850 PO in element BEG03. *This is the 10-digit PO Number*		
Must Use	BIG05	328	**Release Number**	O	AN 1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction		
			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.*		
	BIG06	327	**Change Order Sequence Number**	O	AN 1/8
			Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set		
			Not used by Mervyns Corporation.		
	BIG07	640	**Transaction Type Code**	O	ID 2/2

Code specifying the type of transaction

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.

DO   Drop Shipment Invoice

Segment:		**NTE** Note/Special Instruction		

Position:	030
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 processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.
Notes:	************************

Sample NTE Segment
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NTE*CER*Free Form Text
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Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes
	NTE01	363	Note Reference Code	O ID 3/3
			Code identifying the functional area or purpose for which the note applies	
			CER Certification Narrative	
			Any notes associated with the certification involved	
M	NTE02	352	Description	M AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment:	**REF** Reference Identification			
Position:	050			
Loop:				
Level:	Heading			
Usage:	Must Use			
Max Use:	12			
Purpose:	To specify identifying information			
Syntax Notes:	**1** At least one of REF02 or REF03 is required.			
	2 If either C04003 or C04004 is present, then the other is required.			
	3 If either C04005 or C04006 is present, then the other is required.			
Semantic Notes:	**1** REF04 contains data relating to the value cited in REF02.			
Comments:				
Notes:				

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

Sample REF Segment
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REF*IA*1234567

REF*DP*023

REF*PD*9876543210 (Send only if received on the PO)
****

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes	
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
			DP — Department Number		
			IA — Internal Vendor Number		
			PD — Promotion/Deal Number		
Must Use	**REF02**	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			IA = Vendor Number		
			PD = Promotion/Deal Number		
			DP = Department		

			Segment:	**N1** Name		

Segment: **N1** Name
Position: 070
Loop: N1   Must Use
Level: Heading
Usage: Must Use
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.
2   N105 and N106 further define the type of entity in N101.

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

Sample N1 Segment
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N1*BY**92*00997

N1*BS**92*00997 (Predistro)
****

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes	
M	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

BS	Bill and Ship To
BY	Buying Party (Purchaser)
SF	Ship From
ST	Ship To

	N102	**93**	**Name**	**X**	**AN 1/60**

Free-form name

Not used by Mervyns Corporation.

	N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

91	Assigned by Seller or Seller's Agent

Used when N101 = SF.

92	Assigned by Buyer or Buyer's Agent

	N104	**67**	**Identification Code**	**X**	**AN 2/80**

Code identifying a party or other code

This is a 5-digit field denoting the Mervyns Corporation location number

Segment:		**N3** Address Information			
Position:		090			
Loop:		N1	Must Use		
Level:		Heading			
Usage:		Optional			
Max Use:		2			
Purpose:		To specify the location of the named party			
Syntax Notes:					
Semantic Notes:					
Comments:					
Notes:					

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Sample N3 Segment

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N3*Main St.

Send this segment when the invoice is for a Drop Ship to the Guest's home.
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Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes
M	N301	166	**Address Information**	M AN 1/55
			Address information	
	N302	166	**Address Information**	O AN 1/55
			Address information	

Segment:	**N4** Geographic Location			
Position:	100			
Loop:	N1 Must Use			
Level:	Heading			
Usage:	Optional			
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.			

Notes:

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Sample N4 Segment

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N4*Hometown*CA*94553

Send only if sending the N3.
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Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes	
	N401	19	**City Name**	**O**	**AN 2/30**
			Free-form text for city name		
	N402	156	**State or Province Code**	**O**	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency		
	N403	116	**Postal Code**	**O**	**ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		

Segment:		**ITD** Terms of Sale/Deferred Terms of Sale		
Position:		130		
Loop:				
Level:		Heading		
Usage:		Must Use		
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.	

Notes:

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Sample ITD Segments
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*ITD*01*2*****30*
*ITD*02*2****20060110 (Net EOM)*
*ITD*02*2*2*20060110 (2% EOM +30)*
*ITD*10************L (Domestic Letter of Credit)*

Note: Mervyn's vendors will receive terms in a manner consistent with the following examples:

*ITD*01*2*10*20060101*30*******10% Net 30*
*ITD*01*2**********NET 30 ROG*
*ITD*01*2**********1%30ROG+.50%RTV*

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Data Element Summary

User Attribute	Ref. Des.	Data Element	Name		Attributes
M	ITD01	336	**Terms Type Code**		M ID 2/2
			Code identifying type of payment terms		
			01	Basic	
			02	End of Month (EOM)	
			10	Instant	
			14	Previously agreed upon	
M	ITD02	333	**Terms Basis Date Code**		M ID 1/2
			Code identifying the beginning of the terms period		
			2	Delivery Date	
			3	Invoice Date	
	ITD03	338	**Terms Discount Percent**		O R 1/6
			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

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

| ITD05 | 351 | **Terms Discount Days Due** | X | **N0 1/3** |

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

# of days in terms discount period.

| ITD06 | 446 | **Terms Net Due Date** | O | **DT 8/8** |

Date when total invoice amount becomes due expressed in format CCYYMMDD

No Longer used by Mervyns Corporation

| ITD07 | 386 | **Terms Net Days** | O | **N0 1/3** |

Number of days until total invoice amount is due (discount not applicable)

No Longer used by Mervyns Corporation

| ITD08 | 362 | **Terms Discount Amount** | O | **N2 1/10** |

Total amount of terms discount

Not used by Mervyns Corporation

| ITD09 | 388 | **Terms Deferred Due Date** | O | **DT 8/8** |

Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD

Not used by Mervyns Corporation

| ITD10 | 389 | **Deferred Amount Due** | X | **N2 1/10** |

Deferred amount due for payment

Not used by Mervyns Corporation

| ITD11 | 342 | **Percent of Invoice Payable** | X | **R 1/5** |

Amount of invoice payable expressed in percent

Not used by Mervyns Corporation

| ITD12 | 352 | **Description** | O | **AN 1/80** |

A free-form description to clarify the related data elements and their content

| ITD13 | 765 | **Day of Month** | X | **N0 1/2** |

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

No Longer used by Mervyns Corporation

| ITD14 | 107 | **Payment Method Code** | O | **ID 1/2** |

Code identifying type of payment procedures

| L | Letter of Credit |

Segment:		**DTM** Date/Time Reference		
Position:		140		
Loop:				
Level:		Heading		
Usage:		Must Use		
Max Use:		10		
Purpose:		To specify pertinent dates and times		
Syntax Notes:		1 At least one of DTM02 DTM03 or DTM05 is required.		
		2 If DTM04 is present, then DTM03 is required.		
		3 If either DTM05 or DTM06 is present, then the other is required.		
Semantic Notes:				
Comments:				
Notes:		************************		

Sample DTM Segment

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DTM*011*20060131
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Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes
M	DTM01	374	**Date/Time Qualifier**	M ID 3/3
			Code specifying type of date or time, or both date and time	
			011 Shipped	
Must Use	DTM02	373	**Date**	X DT 8/8
			Date expressed as CCYYMMDD	
			Date Merchandise was shipped.	

Segment:	**IT1** Baseline Item Data (Invoice)		
Position:	010		
Loop:	IT1 Must Use		
Level:	Detail		
Usage:	Must Use		
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.

Notes:

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Sample IT1 Segment
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IT1**50*EA*1.49**CB*058020714*UP*123456789012

The Qualifiers listed for IT106 will also be used in the subsequent data element 235/234 pairs.

When sending a substitution (must be pre-approved by the Buyer) please follow these instructions:
Send the original order item info in the SLN segment. Send the substitute item info in the IT1 segment. IT3 and PID segments must be included.
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Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes
	IT101	350	**Assigned Identification**	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	IT102	358	**Quantity Invoiced**	X R 1/10
			Number of units invoiced (supplier units)	
Must Use	IT103	355	**Unit or Basis for Measurement Code**	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			The UOM should match the UOM received on the PO. *EA Each*	

Must Use	IT104	212	**Unit Price**	**X**	**R 1/17**

Price per unit of product, service, commodity, etc.

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.

EDI 810 value   *Translation*
2.444445   *2.44445*
2.444444   *2.44444*

	IT105	639	**Basis of Unit Price Code**	**O**	**ID 2/2**

Code identifying the type of unit price for an item

Not used by Mervyns Corporation.

Must Use	IT106	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Either a CB or UP or UI or EN must be sent.

CB   Buyer's Catalog Number
EN   European Article Number (EAN) (2-5-5-1)
EO   EAN/UCC - 8
UI   U.P.C. Consumer Package Code (1-5-5)

To be used by direct to store delivery beverage vendors only.

UP   U.P.C. Consumer Package Code (1-5-5-1)

Must Use	IT107	234	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

	IT108	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CB   Buyer's Catalog Number
EN   European Article Number (EAN) (2-5-5-1)
EO   EAN/UCC - 8
UI   U.P.C. Consumer Package Code (1-5-5)

To be used by direct to store delivery beverage vendors only.

UP   U.P.C. Consumer Package Code (1-5-5-1)

	IT109	234	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

	IT110	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CB   Buyer's Catalog Number
EN   European Article Number (EAN) (2-5-5-1)
EO   EAN/UCC - 8
UI   U.P.C. Consumer Package Code (1-5-5)

To be used by direct to store delivery beverage vendors only.

UP   U.P.C. Consumer Package Code (1-5-5-1)

	IT111	234	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Segment:	**IT3** Additional Item Data
Position:	030
Loop:	IT1 Must Use
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify additional item details relating to variations between ordered and shipped quantities, or to specify alternate units of measures and quantities
Syntax Notes:	1 If either IT301 or IT302 is present, then the other is required.
	2 At least one of IT301 IT303 IT304 or IT305 is required.
Semantic Notes:	
Comments:	
Notes:	************************

Sample IT3 Segment

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*IT3***IS*25*

When sending substitutions, use this segment to indicate the difference. If sending a substitution, SLN and PID Segments MUST also be sent.
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Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes
	IT301	**382**	**Number of Units Shipped**	**X R 1/10**
			Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	
			Not used by Mervyns Corporation.	
	IT302	**355**	**Unit or Basis for Measurement Code**	**X ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Not used by Mervyns Corporation.	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	**IT303**	**368**	**Shipment/Order Status Code**	**X ID 2/2**
			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	
			IS Item Represents Substitution from Original Order	

Segment:	**CTP** Pricing Information
Position:	050
Loop:	IT1 Must Use
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To specify pricing information
Syntax Notes:	1 If either CTP04 or CTP05 is present, then the other is required.
	2 If CTP06 is present, then CTP07 is required.
	3 If CTP09 is present, then CTP02 is required.
	4 If CTP10 is present, then CTP02 is required.
	5 If CTP11 is present, then CTP03 is required.
Semantic Notes:	1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
	2 CTP08 is the rebate amount.
Comments:	1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Notes:

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To be used only by Mervyn's vendors.

Sample CTP Segment
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CTP*RS*RES*2.98

This segment is used only for merchandise shipped directly to Stores.
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Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes	
Must Use	CTP01	687	**Class of Trade Code**	O	ID 2/2
			Code indicating class of trade		
			RS Resale		
Must Use	CTP02	236	**Price Identifier Code**	X	ID 3/3
			Code identifying pricing specification		
			RES Resale		
Must Use	CTP03	212	**Unit Price**	X	R 1/17
			Price per unit of product, service, commodity, etc.		

Segment:	**PID** Product/Item Description
Position:	060
Loop:	PID Optional
Level:	Detail
Usage:	Optional
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.

Notes:

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Sample PID Segment
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PID*F*08***BLUE XL

Description of Item. This helps better define your product.
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Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes	
M	PID01	349	**Item Description Type**	M	ID 1/1
			Code indicating the format of a description		
			F Free-form		
	PID02	750	**Product/Process Characteristic Code**	O	ID 2/3
			Code identifying the general class of a product or process characteristic		
			08 Product		
	PID03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
			Not used by Mervyns Corporation		
	PID04	751	**Product Description Code**	X	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic		
			Not used by Mervyns Corporation..		
Must Use	PID05	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		

| | | | Segment: | **PO4** Item Physical Details |

Segment: **PO4** Item Physical Details

Position:	100
Loop:	IT1 Must Use
Level:	Detail
Usage:	Optional
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.

Notes:
****

Sample PO4 Segment

_____

PO4*6******************4 (inner packs)

****

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes	
Must Use	**PO401**	**356**	**Pack**	**O**	**N0 1/6**
			The number of inner containers, or number of eaches if there are no inner containers, per outer container		
	PO402	**357**	**Size**	**X**	**R 1/8**
			Size of supplier units in pack		
			Not used by Mervyns Corporation.		
	PO403	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Not used by Mervyns Corporation.		
	PO404	**103**	**Packaging Code**	**X**	**AN 3/5**
			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

Not used by Mervyns Corporation.

Refer to 004010 Data Element Dictionary for acceptable code values.

PO405	**187**	**Weight Qualifier**	**O**	**ID 1/2**

Code defining the type of weight

Not used by Mervyns Corporation.

PO406	**384**	**Gross Weight per Pack**	**X**	**R 1/9**

Numeric value of gross weight per pack

Not used by Mervyns Corporation.

PO407	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not used by Mervyns Corporation.

PO408	**385**	**Gross Volume per Pack**	**X**	**R 1/9**

Numeric value of gross volume per pack

Not used by Mervyns Corporation.

PO409	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not used by Mervyns Corporation.

PO410	**82**	**Length**	**X**	**R 1/8**

Largest horizontal dimension of an object measured when the object is in the upright position

Not used by Mervyns Corporation.

PO411	**189**	**Width**	**X**	**R 1/8**

Shorter measurement of the two horizontal dimensions measured with the object in the upright position

Not used by Mervyns Corporation.

PO412	**65**	**Height**	**X**	**R 1/8**

Vertical dimension of an object measured when the object is in the upright position

Not used by Mervyns Corporation.

PO413	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not used by Mervyns Corporation.

PO414	**810**	**Inner Pack**	**O**	**N0 1/6**

The number of eaches per inner container

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information
Position:	180
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.
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.

Notes:
****

Sample SAC Segment
This segment will be used for sending ticket codes, indicate if hanger is used, and for Allowances at the item Level.
_____

SAC*A*C310***1542
****
SAC*N**VI*HA (Hanger Used)

SAC*N**VI*TC990101*********TICKETING CODE

Purchase Order Allowances – These may be in Dollars$ or Percent%.

SAC*A*F800***50***1.25****02***Promotional Allowance (in Dollars$)
This item has an Allowance of $50.00, ($1.25 per unit) off Invoice.

SAC*A*F800****Z*10*****02***Promotional Allowance (in Percent %)
This item has an Allowance of 10% off Invoice.
****

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes	
M	SAC01	248	**Allowance or Charge Indicator**	M	ID 1/1

Code which indicates an allowance or charge for the service specified

A		Allowance
C		Charge
N		No Allowance or Charge

User Attribute	Ref. Des.	Data Element	Name	Attributes	
Must Use	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	ID 4/4

Code identifying the service, promotion, allowance, or charge

Below is a list of the most common codes.

B950	Damaged Merchandise
C310	Discount
D170	Free Goods
D270	Fuel Surcharge
F800	Promotional Allowance
H000	Special Allowance
H090	Special Handling
H700	Tax - Local Tax

CRV

	SAC03	559	**Agency Qualifier Code**	X	ID 2/2

Code identifying the agency assigning the code values

VI	Voluntary Inter-Industry Commerce Standard (VICS) EDI

	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	AN 1/10

Agency maintained code identifying the service, promotion, allowance, or charge

HA	Hanger Service

Must Use	SAC05	610	**Amount**	O	N2 1/15

Monetary amount

	SAC06	378	**Allowance/Charge Percent Qualifier**	X	ID 1/1

Code indicating on what basis allowance or charge percent is calculated

Refer to 004010 Data Element Dictionary for acceptable code values.

	SAC07	332	**Percent**	X	R 1/6

Percent expressed as a percent

	<mark>SAC08</mark>	118	**Rate**	O	R 1/9

Rate expressed in the standard monetary denomination for the currency specified

	SAC09	355	**Unit or Basis for Measurement Code**	X	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

	SAC10	380	**Quantity**	X	R 1/15

Numeric value of quantity

When SAC02 = D17, this data element is required and should contain the quantity of free goods. SAC09 should contain the unit of measure of the free goods.

	SAC11	380	**Quantity**	O	R 1/15

Numeric value of quantity

Not used by Mervyns Corporation.

| **SAC12** | **331** | **Allowance or Charge Method of Handling Code** | **O** | **ID 2/2** |

Code indicating method of handling for an allowance or charge

| 02 | Off Invoice |
| 06 | Charge to be Paid by Customer |

| **SAC13** | **127** | **Reference Identification** | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not used by Mervyns Corporation.

| **SAC14** | **770** | **Option Number** | **O** | **AN 1/20** |

A unique number identifying available promotion or allowance options when more than one is offered

Not used by Mervyns Corporation.

| **SAC15** | **352** | **Description** | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Segment: **TDS** Total Monetary Value Summary

Position:	010
Loop:	
Level:	Summary
Usage:	Must Use
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.

Notes:
****

Sample TDS Segment
_____

TDS*53000

2 Decimal places implied
****

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes	
M	TDS01	610	**Amount**	**M**	**N2 1/15**
			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.

User Attribute	Ref. Des.	Data Element	Name	Attributes	
	TDS02	610	**Amount**	**O**	**N2 1/15**
			Monetary amount		

Total amount of merchandise. If you offer a discount on gross amount before allowances, this field is required. Otherwise it is not needed.

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

Segment:		**CAD** Carrier Detail			

Segment: **CAD** Carrier Detail
Position: 030
Loop:
Level: Summary
Usage: Must Use
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:
Notes: ***********************
Sample CAD Segment

_____

CAD*M******BM*123456

CAD*U***UPSN*UPS**CN*123456
****

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name		Attributes
Must Use	CAD01	91	**Transportation Method/Type Code**	O	ID 1/2
			Code specifying the method or type of transportation for the shipment		
	CAD02	206	**Equipment Initial**	O	AN 1/4
			Prefix or alphabetic part of an equipment unit's identifying number		
			Not used by Mervyns Corporation		
	CAD03	207	**Equipment Number**	O	AN 1/10
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)		
			Not used by Mervyns Corporation		
Must Use	CAD04	140	**Standard Carrier Alpha Code**	X	ID 2/4
			Standard Carrier Alpha Code		
	CAD05	387	**Routing**	X	AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		
	CAD06	368	**Shipment/Order Status Code**	O	ID 2/2
			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		
			Not used by Mervyns Corporation		
Must Use	CAD07	128	**Reference Identification Qualifier**	O	ID 2/3
			Code qualifying the Reference Identification		
			BM Bill of Lading Number		
			Required when shipping via motor carrier or consolidation.		
Must Use	CAD08	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

<table>
<tr><td style="text-align:right">Segment:</td><td>SAC Service, Promotion, Allowance, or Charge Information</td></tr>
<tr><td style="text-align:right">Position:</td><td>040</td></tr>
<tr><td style="text-align:right">Loop:</td><td>SAC   Optional</td></tr>
<tr><td style="text-align:right">Level:</td><td>Summary</td></tr>
<tr><td style="text-align:right">Usage:</td><td>Optional</td></tr>
<tr><td style="text-align:right">Max Use:</td><td>1</td></tr>
<tr><td style="text-align:right">Purpose:</td><td>To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge</td></tr>
</table>

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.

Notes:

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***********************
```
Sample SAC Segment

_____
This segment will be used to indicate special purchase order types and for Allowances at the Purchase Order Level.
```
**********
```
Sample SAC Segment
  SAC02 - ASN (X12) EDI Standards Codes
SAC*C*D240***1500*******02***Freight Charge
SAC*A*E750***80*******02***New Store Order
SAC*A*F800***80*******02***Promotional Allowance (in Dollars $)
SAC*A*F800****Z*10*****02***Promotional Allowance (in Percent %)
```
***********************
```

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes
M	SAC01	248	**Allowance or Charge Indicator**	M ID 1/1

Code which indicates an allowance or charge for the service specified

	A	Allowance
	C	Charge

Must Use	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID 4/4

Code identifying the service, promotion, allowance, or charge

Need list of codes.

B950	Damaged Merchandise
C310	Discount
D170	Free Goods
D270	Fuel Surcharge
F800	Promotional Allowance
H000	Special Allowance
H090	Special Handling
H700	Tax - Local Tax

CRV

	SAC03	559	Agency Qualifier Code	X	ID 2/2

Code identifying the agency assigning the code values

No Longer Used by Mervyns

	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10

Agency maintained code identifying the service, promotion, allowance, or charge

No Longer Used by Mervyns

Must Use	SAC05	610	Amount	O	N2 1/15

Monetary amount

	SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1

Code indicating on what basis allowance or charge percent is calculated

3	Discount/Gross

	SAC07	332	Percent	X	R 1/6

Percent expressed as a percent

	SAC08	118	Rate	O	R 1/9

Rate expressed in the standard monetary denomination for the currency specified

Not used by Mervyns Corporation

	SAC09	355	Unit or Basis for Measurement Code	X	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

	SAC10	380	Quantity	X	R 1/15

Numeric value of quantity

	SAC11	380	Quantity	O	R 1/15

Numeric value of quantity

	SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2

Code indicating method of handling for an allowance or charge

02	Off Invoice
06	Charge to be Paid by Customer

	SAC13	127	Reference Identification	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| | SAC14 | 770 | **Option Number** | **O** | **AN 1/20** |

A unique number identifying available promotion or allowance options when more than one is offered

| **Must Use** | **SAC15** | **352** | **Description** | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Segment:		**ISS** Invoice Shipment Summary			
Position:	060				
Loop:	ISS	Must Use			
Level:	Summary				
Usage:	Must Use				
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:					

Notes:

****

Mervyns Corporation requires one occurrence of the ISS with the total amount in eaches.
Sample ISS Segment
_____

ISS*45*EA

ISS*60*EA*3*LB

Only ISS01 & ISS02 are mandatory. ISS03 & ISS04 may be sent.
****

Data Element Summary

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

Segment:			**CTT** Transaction Totals	
Position:			070	
Loop:				
Level:			Summary	
Usage:			Must Use	
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.	
Notes:			*********************** *Sample CTT Segment* _____ *CTT*25* ***********************	

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes
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:	Must Use	
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.	
Notes:	**********************	

Sample SE Segment
_____

SE*25*0001
****

Data Element Summary

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