850 Purchase Order

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) 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 placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BEG	Beginning Segment for Purchase Order	M	1		
	050	REF	Reference Identification	O	5		
	060	PER	Administrative Communications Contact	O	2		
	080	FOB	F.O.B. Related Instructions	O	1		
	LOOP ID - SAC					25	
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	1		
	150	DTM	Date/Time Reference	O	3		
	LOOP ID - N9					10	
	295	N9	Reference Identification	O	1		
	300	MSG	Message Text	O	5		
	LOOP ID - N1					2	
	310	N1	Name	O	1		
	330	N3	Address Information	O	1		
	340	N4	Geographic Location	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	LOOP ID - PO1					100000	
M	010	PO1	Baseline Item Data	M	1		n1
	LOOP ID - CTP					1	
	040	CTP	Pricing Information	O	1		
	LOOP ID - PID					3	
	050	PID	Product/Item Description	O	1		
	090	PO4	Item Physical Details	O	1		
	LOOP ID - SAC					25	
	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
	LOOP ID - SLN					1000	
	470	SLN	Subline Item Detail	O	1		
	490	PID	Product/Item Description	O	25		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	LOOP ID - CTT					1	

	010	CTT	Transaction Totals	O	1	n2
	020	AMT	Monetary Amount	O	1	n3
M	030	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. PO102 is required.
2. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
3. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Segment:	**ST** Transaction Set Header						

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
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).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
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:		**BEG** Beginning Segment for Purchase Order			
Position:		020			
Loop:					
Level:		Heading			
Usage:		Mandatory			
Max Use:		1			
Purpose:		To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates			
Semantic Notes:		1 BEG05 is the date assigned by the purchaser to purchase order.			

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	BEG01	353	**Transaction Set Purpose Code**	M	ID 2/2
			Code identifying purpose of transaction set		
			00 Original		
			01 Cancellation		
			05 Replace		
M	BEG02	92	**Purchase Order Type Code**	M	ID 2/2
			Code specifying the type of Purchase Order		
			SA Stand-alone Order		
M	BEG03	324	**Purchase Order Number**	M	AN 1/10
			Identifying number for Purchase Order assigned by the orderer/purchaser		
	BEG04	328	**Release Number**	O	AN 1/2
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction		
M	BEG05	373	**Date**	M	DT 8/8
			Date expressed as CCYYMMDD		

Segment: # REF Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify identifying information
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

For Qualifier 19 - 01 = Pacific Sunwear, 05 = Pacific Sunwear Outlet, 06 = D.E.M.O.

	19	Division Identifier	
	DP	Department Number	
	IA	Internal Vendor Number	
	MR	Merchandise Type Code	
	NB	Letter of Credit Number	

	Ref. Des.	Data Element	Name	Attributes	
	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

Segment: **PER** Administrative Communications Contact
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To identify a person or office to whom administrative communications should be directed
Semantic Notes:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	PER01	366	**Contact Function Code**	M	ID 2/2

Code identifying the major duty or responsibility of the person or group named

BD   Buyer Name or Department

	Ref. Des.	Data Element	Name		Attributes
	PER02	93	**Name**	O	AN 1/34

Free-form name

		Segment:	**FOB** F.O.B. Related Instructions
		Position:	080
		Loop:	
		Level:	Heading
		Usage:	Optional
		Max Use:	1
		Purpose:	To specify transportation instructions relating to shipment
		Semantic Notes:	1 FOB01 indicates which party will pay the carrier.

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	FOB01	146	**Shipment Method of Payment**	M	ID 2/2

Code identifying payment terms for transportation charges

CC	Collect
CF	Collect, Freight Credited Back to Customer
PC	Prepaid but Charged to Customer
PP	Prepaid (by Seller)

	Ref. Des.	Data Element	Name	Attributes	
	FOB02	309	**Location Qualifier**	X	ID 1/2

Code identifying type of location

DE	Destination (Shipping)
OR	Origin (Shipping Point)

	Ref. Des.	Data Element	Name	Attributes	
	FOB03	352	**Description**	O	AN 1/25

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

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

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 120
Loop: SAC   Optional
Level: Heading
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
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.

Data Element Summary

	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		
	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	ID 4/4
			Code identifying the service, promotion, allowance, or charge		
			D240 Freight		
			F800 Promotional Allowance		
	SAC03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
	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		
			6 Base Price Amount		
	SAC07	332	**Percent**	X	R 1/6
			Percent expressed as a percent		
	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		
	SAC15	352	**Description**	X	AN 1/45
			A free-form description to clarify the related data elements and their content		

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale
Position:	130
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify terms of sale
Semantic Notes:	1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ITD01	336	**Terms Type Code**	O ID 2/2
		Code identifying type of payment terms	
		01 Basic	
		41 Letter of Credit	
		45 Bank Transfer	
ITD12	352	**Description**	O AN 1/20
		A free-form description to clarify the related data elements and their content	

	Segment:	**DTM** Date/Time Reference
	Position:	150
	Loop:	
	Level:	Heading
	Usage:	Optional
	Max Use:	3
	Purpose:	To specify pertinent dates and times
	Semantic Notes:	

Data Element Summary

	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		
			001 Cancel After		
			002 Delivery Requested		
			010 Requested Ship		
	DTM02	373	**Date**	X	DT 8/8
			Date expressed as CCYYMMDD		

Segment: **N9** **Reference Identification**
Position: 295
Loop: N9   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Semantic Notes: 1   N906 reflects the time zone which the time reflects.
          2   N907 contains data relating to the value cited in N902.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N901	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			L1 Letters or Notes		
	N903	369	**Free-form Description**	X	AN 1/45
			Free-form descriptive text		

Segment: # MSG Message Text
Position: 300
Loop: N9   Optional
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To provide a free-form format that allows the transmission of text information
Semantic Notes: 1   MSG03 is the number of lines to advance before printing.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M MSG01	933	**Free-Form Message Text** Free-form message text	M AN 1/264

Segment:	**N1** Name		
Position:	310		
Loop:	N1	Optional	
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Semantic Notes:			
Notes:	Business Rule for N1 loop		

Business Rule for N1 loop
N1 is a repeatable group with a maximum occurrence of 2.
N3 and N4 are repeatable groups corresponding to the N1

Data Element Summary

	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

ST	Ship To
VN	Vendor

	Ref. Des.	Data Element	Name	Attributes	
	N102	93	**Name**	**X**	**AN 1/35**

Free-form name

	Ref. Des.	Data Element	Name	Attributes	
	N103	66	**Identification Code Qualifier**	**X**	**ID 1/2**

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

92	Assigned by Buyer or Buyer's Agent

	Ref. Des.	Data Element	Name	Attributes	
	N104	67	**Identification Code**	**X**	**AN 2/80**

Code identifying a party or other code

Segment: # N3 Address Information

Position: 330
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Semantic Notes:

Data Element Summary

	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: 340
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Semantic Notes:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N401	19	**City Name**	M	**AN 2/30**
			Free-form text for city name		
M	N402	156	**State or Province Code**	M	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency		
M	N403	116	**Postal Code**	M	**ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
M	N404	26	**Country Code**	M	**ID 2/3**
			Code identifying the country		

Segment: **PO1** Baseline Item Data
Position: 010
Loop: PO1   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Semantic Notes:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PO101	350	**Assigned Identification**	O	AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set		
PO102	330	**Quantity Ordered**	O	R 1/15
		Quantity ordered		
PO103	355	**Unit or Basis for Measurement Code**	O	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		
PO104	212	**Unit Price**	X	R 1/17
		Price per unit of product, service, commodity, etc.		
PO106	235	**Product/Service ID Qualifier**	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		SK Stock Keeping Unit (SKU)		
PO107	234	**Product/Service ID**	X	AN 1/20
		Identifying number for a product or service		
PO108	235	**Product/Service ID Qualifier**	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		UP U.P.C. Consumer Package Code (1-5-5-1)		
PO109	234	**Product/Service ID**	X	AN 1/12
		Identifying number for a product or service		
PO110	235	**Product/Service ID Qualifier**	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VN Vendor's (Seller's) Item Number		
PO111	234	**Product/Service ID**	X	AN 1/15
		Identifying number for a product or service		
PO112	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		
PO113	234	**Product/Service ID**	X	AN 1/10
		Identifying number for a product or service		
		Pacific Sunwear Short Item#		
PO114	235	**Product/Service ID Qualifier**	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		PG Packaging Specification Number		
PO115	234	**Product/Service ID**	X	AN 1/3
		Identifying number for a product or service		

Segment:	**CTP** Pricing Information	
Position:	040	
Loop:	CTP	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify pricing information	
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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
CTP02	**236**	**Price Identifier Code**	**X**	**ID 3/3**
		Code identifying pricing specification		
		RTL Retail		
CTP03	**212**	**Unit Price**	**X**	**R 1/17**
		Price per unit of product, service, commodity, etc.		

Segment:	**PID** Product/Item Description				

Segment: **PID** Product/Item Description

Position: 050
Loop: PID   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
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.

Notes: Business Rule for PID loop
PID is a repeatable group with a maximum occurrence of 3 allowing for the three possible Product Characteristic Codes.

Data Element Summary

	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		
			74 Vendor size description		
			75 Buyer's Color Description		
	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	
Position:	090	
Loop:	PO1 Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item	
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.
Notes:	This segment only sent for Pre-pack items	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PO401	**356**	**Pack**	**O N0 1/3**
		The number of inner containers, or number of eaches if there are no inner containers, per outer container	

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information		
Position:	130		
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		
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.	

Data Element Summary

	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	
	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			D240 Freight	
			F800 Promotional Allowance	
	SAC03	559	**Agency Qualifier Code**	X ID 2/2
			Code identifying the agency assigning the code values	
	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge	
	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	
			6 Base Price Amount	
	SAC07	332	**Percent**	X R 1/6
			Percent expressed as a percent	
	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	
	SAC15	352	**Description**	X AN 1/45
			A free-form description to clarify the related data elements and their content	

			Segment:	**SLN** Subline Item Detail

Segment: **SLN** Subline Item Detail
Position: 470
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Semantic Notes:
1 SLN01 is the identifying number for the subline item.
2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Notes: This segment only sent for Pre-pack items

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SLN01	350	**Assigned Identification**	M	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
M	SLN03	662	**Relationship Code**	M	ID 1/1
			Code indicating the relationship between entities		
			I Included		
	SLN04	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			Number of Component pieces per carton		
	SLN05	C001	**Composite Unit of Measure**	X	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	C00101	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		
			EA Each		

Segment:	**PID** Product/Item Description			
Position:	490			
Loop:	SLN Optional			
Level:	Detail			
Usage:	Optional			
Max Use:	25			
Purpose:	To describe a product or process in coded or free-form format			
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.		
Notes:	This segment only sent for Pre-pack items			

Data Element Summary

	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		
			74 Vendor size description		
	PID05	352	**Description**	X	**AN 1/80**
			A free-form description to clarify the related data elements and their content		

Segment: **CTT** **Transaction Totals**
Position: 010
Loop: CTT Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Semantic Notes:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	CTT01	354	**Number of Line Items**	M	N0 1/6	
			Total number of line items in the transaction set			
	CTT02	347	**Hash Total**	O	R 1/10	

Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.

	Segment:	**AMT** Monetary Amount
	Position:	020
	Loop:	CTT Optional
	Level:	Summary
	Usage:	Optional
	Max Use:	1
	Purpose:	To indicate the total monetary amount
	Semantic Notes:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	AMT01	522	**Amount Qualifier Code**	M	ID 1/3
			Code to qualify amount		
			TT Total Transaction Amount		
M	AMT02	782	**Monetary Amount**	M	R 1/18
			Monetary amount		

Segment: **SE** Transaction Set Trailer
Position: 030
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)
Semantic Notes:

Data Element Summary

	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		