850 Purchase Order

Functional Group ID=PO

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		
M	050	REF	Reference Identification	M	>1		
M	110	CSH	Sales Requirements	M	1		
M	110	CSH	Sales Requirements	M	1		
Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
M	150	DTM	Date/Time Reference	M	3		
Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
			LOOP ID - N1			200	
M	310	N1	Name	M	1		
M	330	N3	Address Information	M	2		
M	340	N4	Geographic Location	M	>1		
Used	360	PER	Administrative Communications Contact	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	
Used	040	CTP	Pricing Information	O	1		
Used	040	CTP	Pricing Information	O	1		
			LOOP ID - PID			1000	
Used	050	PID	Product/Item Description	O	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
M	010	CTT	Transaction Totals	M	1		n2
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.

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
		Code uniquely identifying a Transaction Set		
		850 Purchase Order		
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
Notes:	For Release Orders, BEG04 will indicate PO Number from Blanket Order (BK) when BEG02 = RL. Orders that contain a dash (-) and will identify the actual Ship To location.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	BEG01	353	**Transaction Set Purpose Code**	M	ID 2/2
			Code identifying purpose of transaction set		
			00 Original		
	BEG02	92	**Purchase Order Type Code**	M	ID 2/2
			Code specifying the type of Purchase Order		
			BK Blanket Order (Quantity Firm)		
			CN Container		
			DS Dropship		
			RL Release or Delivery Order		
			An order for goods and services placed against a pre-existing contract or blanket order		
			SA Stand-alone Order		
	BEG03	324	**Purchase Order Number**	M	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
Used	**BEG04**	328	**Release Number**	O	AN 1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction		
	BEG05	373	**Date**	M	DT 8/8
			Date expressed as CCYYMMDD		

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify identifying information

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
REF01	**128**	**Reference Identification Qualifier**	M	ID 2/3
		Code qualifying the Reference Identification		
		IA Internal Vendor Number		
REF02	**127**	**Reference Identification**	M	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: # CSH Sales Requirements

Position: 110
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify general conditions or requirements of the sale

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CSH01	563	Sales Requirement Code	M ID 1/2

Code to identify a specific requirement or agreement of sale

P4　　　　　　Do Not Preship

Segment:	**CSH** Sales Requirements
Position:	110
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To specify general conditions or requirements of the sale

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CSH01	563	Sales Requirement Code	M ID 1/2

Code to identify a specific requirement or agreement of sale

N	No Back Order
Y	Back Order if Out of Stock

	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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Used	ITD01	336	**Terms Type Code**	O	**ID 2/2**

Code identifying type of payment terms

1		Basic
2		End of Month (EOM)

	Ref. Des.	Data Element	Name	Attributes	
Used	ITD02	333	**Terms Basis Date Code**	O	**ID 1/2**

Code identifying the beginning of the terms period

2		Delivery Date
3		Invoice Date

	Ref. Des.	Data Element	Name	Attributes	
Used	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

	Ref. Des.	Data Element	Name	Attributes	
Used	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

	Ref. Des.	Data Element	Name	Attributes	
Used	ITD07	386	**Terms Net Days**	O	**N0 1/3**

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

Segment:	**DTM** Date/Time Reference

Position: 150
Loop:
Level: Heading
Usage: Mandatory
Max Use: 3
Purpose: To specify pertinent dates and times

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
DTM01	**374**	**Date/Time Qualifier**	**M ID 3/3**
		Code specifying type of date or time, or both date and time	
		1 Cancel After	
		2 Delivery Requested	
		010 Requested Ship	
DTM02	**373**	**Date**	**M DT 8/8**
		Date expressed as CCYYMMDD	

Segment: # TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 240
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify the carrier and sequence of routing and provide transit time information

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
TD501	133	Routing Sequence Code	M	ID 1/2

Code describing the relationship of a carrier to a specific shipment movement

O   Origin Carrier (Air, Motor, or Ocean)

Ref. Des.	Data Element	Name	Attributes	
TD502	66	Identification Code Qualifier	M	ID 1/2

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

2   Standard Carrier Alpha Code (SCAC)
92   Assigned by Buyer or Buyer's Agent

Ref. Des.	Data Element	Name	Attributes	
TD503	67	Identification Code	M	AN 2/80

Code identifying a party or other code

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001 = MOST ECONOMICAL
002 = FREE FREIGHT
006 = UPS THIRD PARTY
007 = LONE STAR OVERNIGHT
008 = FEDEX THIRD PARTY
009 = 300LBS or GREATER / AFS BROKER
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Ref. Des.	Data Element	Name	Attributes	
TD505	387	Routing	M	AN 1/35

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Ref. Des.	Data Element	Name	Attributes	
TD512	284	Service Level Code	M	ID 2/2

Code indicating the level of transportation service or the billing service offered by the transportation carrier

3D   Three Day Service
CG   Ground
ND   Next Day Air
           Delivery during business day hours of next business day
SE   Second Day

Segment:	**N1** Name
Position:	310
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Notes:	N103 and N104 will be sent on all orders, except when BEG02 = DS.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
	N101	**98**	**Entity Identifier Code**		**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual			
			BT	Bill-to-Party		
			ST	Ship To		
	N102	**93**	**Name**		**M**	**AN 1/60**
			Free-form name			
Used	**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		
Used	**N104**	**67**	**Identification Code**		**X**	**AN 2/80**
			Code identifying a party or other code			
			N104 contains the 4 character Store/Warehouse code.			

Segment: # N3 Address Information

Position: 330
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 2
Purpose: To specify the location of the named party

Data Element Summary

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

Segment: # N4 Geographic Location
Position: 340
Loop: N1   Mandatory
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify the geographic place of the named party

Data Element Summary

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

Segment: # PER Administrative Communications Contact
Position: 360
Loop: N1   Mandatory
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	PER01	366	**Contact Function Code**	**M**	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named		
			CN General Contact		
Used	PER02	93	**Name**	**O**	**AN 1/60**
			Free-form name		
Used	PER03	365	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			TE Telephone		
Used	PER04	364	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
Used	PER05	365	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			EM Electronic Mail		
Used	PER06	364	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	PO101	**350**	**Assigned Identification**	**M**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
	PO102	**330**	**Quantity Ordered**	**M**	**R 1/15**
			Quantity ordered		
	PO103	**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		
			CA Case		
			EA Each		
	PO104	**212**	**Unit Price**	**M**	**R 1/17**
			Price per unit of product, service, commodity, etc.		
Used	**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)		
			UP U.P.C. Consumer Package Code (1-5-5-1)		
Used	**PO107**	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
Used	**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)		
			IN Buyer's Item Number		
Used	**PO109**	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
Used	**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)		
			VA Vendor's Style Number		
Used	**PO111**	**234**	**Product/Service ID**	**X**	**AN 1/48**
			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
	Notes:	MSR is the "compare to" price for purposes of price ticket creation.

Data Element Summary

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

			Segment:	**CTP** Pricing Information

Segment: **CTP** Pricing Information
Position: 040
Loop: CTP   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify pricing information
Notes: RES is the product selling price.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Used	CTP02	236	**Price Identifier Code**	X	**ID 3/3**

Code identifying pricing specification
RES   Resale

	Ref. Des.	Data Element	Name	Attributes	
Used	CTP03	212	**Unit Price**	X	**R 1/17**

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

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
	PID01	349	**Item Description Type**	M	ID 1/1	
			Code indicating the format of a description			
			F Free-form			
Used	PID02	750	**Product/Process Characteristic Code**	O	ID 2/3	
			Code identifying the general class of a product or process characteristic			
			08 Product			
			73 Vendor color description			
			74 Vendor size description			
			75 Buyer's Color Description			
			91 Buyer's Item Size Description			
Used	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 Mandatory
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set

Data Element Summary

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

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)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SE01	96	**Number of Included Segments**	**M N0 1/10**
		Total number of segments included in a transaction set including ST and SE segments	
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	

860 Purchase Order Change Request - Buyer Initiated

Functional Group ID=**PC**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

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	BCH	Beginning Segment for Purchase Order Change	M	1		
Used	050	REF	Reference Identification	O	>1		
M	110	CSH	Sales Requirements	M	1		
M	110	CSH	Sales Requirements	M	1		
Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
M	150	DTM	Date/Time Reference	M	3		
Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
			LOOP ID - N1			200	
M	300	N1	Name	M	1		
M	320	N3	Address Information	M	2		
M	330	N4	Geographic Location	M	>1		
M	350	PER	Administrative Communications Contact	M	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - POC			>1	
M	010	POC	Line Item Change	M	1		
Used	040	CTP	Pricing Information	O	>1		
Used	040	CTP	Pricing Information	O	>1		
			LOOP ID - PID			1000	
Used	050	PID	Product/Item Description	O	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
Used	010	CTT	Transaction Totals	O	1		n1
M	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

Segment:	**ST** Transaction Set Header
Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
ST01	**143**	**Transaction Set Identifier Code**	**M**	**ID 3/3**
		Code uniquely identifying a Transaction Set		
		860 Purchase Order Change Request - Buyer Initiated		
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:	**BCH** Beginning Segment for Purchase Order Change
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
BCH01	353	**Transaction Set Purpose Code**	**M**	**ID 2/2**
		Code identifying purpose of transaction set		

If BCH01 = 01, cancel the entire order.

If BCH01 = 04, snapshot of complete PO.

		01	Cancellation
		04	Change

BCH02	92	**Purchase Order Type Code**	**M**	**ID 2/2**
		Code specifying the type of Purchase Order		

For Release Orders, BEG04 will indicate PO Number from Blanket Order (BK) when BEG02 = RL.

Orders that contain a dash (-) and will identify the actual Ship To location.

		BK	Blanket Order (Quantity Firm)
		CN	Container
		DS	Dropship
		RL	Release or Delivery Order
			An order for goods and services placed against a pre-existing contract or blanket order
		SA	Stand-alone Order

	BCH03	324	**Purchase Order Number**	**M**	**AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser		
Used	BCH04	328	**Release Number**	**O**	**AN 1/30**
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction		
	BCH06	373	**Date**	**M**	**DT 8/8**
			Date expressed as CCYYMMDD		
Used	BCH11	373	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		

Segment:	**REF**	Reference Identification	
Position:	050		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify identifying information		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
	REF01	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	
			IA Internal Vendor Number	
Used	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:	**CSH** Sales Requirements
Position:	110
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To specify general conditions or requirements of the sale

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CSH01	563	**Sales Requirement Code**	M ID 1/2

Code to identify a specific requirement or agreement of sale

P4	Do Not Preship

Segment: **CSH** Sales Requirements
Position: 110
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify general conditions or requirements of the sale

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CSH01	563	Sales Requirement Code	M ID 1/2

         Code to identify a specific requirement or agreement of sale

      N   No Back Order

      Y   Back Order if Out of Stock

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify terms of sale

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Used	ITD01	336	**Terms Type Code**	O	ID 2/2

Code identifying type of payment terms
1		Basic
2		End of Month (EOM)

Used	ITD02	333	**Terms Basis Date Code**	O	ID 1/2

Code identifying the beginning of the terms period
2		Delivery Date
3		Invoice Date

Used	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

Used	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

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

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

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
DTM01	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
		Code specifying type of date or time, or both date and time		
		1 Cancel After		
		2 Delivery Requested		
		010 Requested Ship		
DTM02	**373**	**Date**	**M**	**DT 8/8**
		Date expressed as CCYYMMDD		

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)
Position:	240
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	TD501	133	**Routing Sequence Code**	M	ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement		
			O	Origin Carrier (Air, Motor, or Ocean)	
	TD502	66	**Identification Code Qualifier**	M	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			2	Standard Carrier Alpha Code (SCAC)	
			92	Assigned by Buyer or Buyer's Agent	
	TD503	67	**Identification Code**	M	AN 2/80
			Code identifying a party or other code		
	TD505	387	**Routing**	M	AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		
Used	TD512	284	**Service Level Code**	X	ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier		
			3D	Three Day Service	
			CG	Ground	
			ND	Next Day Air	
				Delivery during business day hours of next business day	
			SE	Second Day	

Segment:	**N1** Name		
Position:	300		
Loop:	N1	Mandatory	
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Notes:	N103 and N104 will be sent on all orders, except when BEG02 = DS.		

Data Element Summary

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

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

BT	Bill-to-Party
ST	Ship To

Ref. Des.	Data Element	Name	Attributes
N102	**93**	**Name**	**M AN 1/60**

Free-form name

Ref. Des.	Data Element	Name	Attributes
N103	**66**	**Identification Code Qualifier**	**M 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**	**M AN 2/80**

Code identifying a party or other code

N104 contains the 4 character Store/Warehouse code.

Segment: # N3 Address Information

Position: 320
Loop: N1   Mandatory
Level: Heading
Usage: Mandatory
Max Use: 2
Purpose: To specify the location of the named party

Data Element Summary

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

Segment:	**N4** Geographic Location
Position:	330
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	>1
Purpose:	To specify the geographic place of the named party

Data Element Summary

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

Segment:	**PER** Administrative Communications Contact
Position:	350
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	>1
Purpose:	To identify a person or office to whom administrative communications should be directed

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	PER01	366	**Contact Function Code**	M	ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
Used	PER02	93	**Name**	O	AN 1/60
			Free-form name		
Used	PER03	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
			TE Telephone		
Used	PER04	364	**Communication Number**	X	AN 1/80
			Complete communications number including country or area code when applicable		
Used	PER05	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
			EM Electronic Mail		
Used	PER06	364	**Communication Number**	X	AN 1/80
			Complete communications number including country or area code when applicable		

		Segment:	**POC** Line Item Change			

Segment: **POC** Line Item Change
Position: 010
Loop: POC Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify changes to a line item

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
	POC01	350	**Assigned Identification**		**M**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set			
	POC02	670	**Change or Response Type Code**		**M**	**ID 2/2**
			Code specifying the type of change to the line item			
			AI	Add Additional Item(s)		
			DI	Delete Item(s)		
			NC	Concurrent Item (No Change)		
			PC	Price Change		
			QD	Quantity Decrease		
			QI	Quantity Increase		
			RZ	Replace All Values		
				Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set		
Used	POC03	330	**Quantity Ordered**		**O**	**R 1/15**
			Quantity ordered			
Used	POC05	C001	**Composite Unit of Measure**		**X**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)			
	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			
			CA	Case		
			EA	Each		
Used	POC06	212	**Unit Price**		**X**	**R 1/17**
			Price per unit of product, service, commodity, etc.			
Used	POC08	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)		
Used	POC09	234	**Product/Service ID**		**X**	**AN 1/48**
			Identifying number for a product or service			
Used	POC10	235	**Product/Service ID Qualifier**		**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			IN	Buyer's Item Number		
Used	POC11	234	**Product/Service ID**		**X**	**AN 1/48**
			Identifying number for a product or service			
Used	POC12	235	**Product/Service ID Qualifier**		**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			VA	Vendor's Style Number		

Used   **POC13**   **234**   **Product/Service ID**   **X   AN 1/48**

Identifying number for a product or service

Segment: **CTP** Pricing Information

Position: 040
    Loop: POC   Mandatory
    Level: Detail
    Usage: Optional
Max Use: >1
  Purpose: To specify pricing information

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Used	CTP02	236	**Price Identifier Code**	X	**ID 3/3**

Code identifying pricing specification

    MSR   Manufacturer's Suggested Retail
    RES   Resale

	Ref. Des.	Data Element	Name	Attributes	
Used	CTP03	212	**Unit Price**	X	**R 1/17**

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

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

Data Element Summary

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

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PID01	**349**	**Item Description Type**	**M**	**ID 1/1**
		Code indicating the format of a description		
		F Free-form		
Used	**PID02**	**750**	**Product/Process Characteristic Code**	**O** **ID 2/3**
		Code identifying the general class of a product or process characteristic		
		08 Product		
		73 Vendor color description		
		74 Vendor size description		
		75 Buyer's Color Description		
		91 Buyer's Item Size Description		
Used	**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

Data Element Summary

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

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)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SE01	96	**Number of Included Segments**	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
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	

852 Product Activity Data

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Activity Data Transaction Set (852) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a distributor, warehouse, or retailer to advise a trading partner of inventory, sales, and other product activity information. Product activity data enables a trading partner to plan and ship, or propose inventory replenishment quantities, for distribution centers, warehouses or retail outlets. The receiver of the transaction set will maintain some type of inventory/product movement records for its trading partners to enable replenishment calculations based on data provided by the distributor, warehouse or retailer.

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	XQ	Reporting Date/Action	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			999999	
M	010	LIN	Item Identification	M	1		
			LOOP ID - ZA			>1	
M	080	ZA	Product Activity Reporting	M	1		n1
Used	110	SDQ	Destination Quantity	O	>1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Used	010	CTT	Transaction Totals	O	1		n2
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The quantity for the item identified in the LIN segment is required. Quantity is specified either in the ZA segment (ZA02) or in the SDQ segment.
2. The number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction set.
   When sending item and activity data in the LIN loop, the CTT segment is required.

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
ST01	**143**	**Transaction Set Identifier Code**	**M**	**ID 3/3**
		Code uniquely identifying a Transaction Set		
		852 Product Activity Data		
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:	**XQ** **Reporting Date/Action**
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To specify reporting date and action to be taken

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
XQ01	**305**	**Transaction Handling Code**	**M**	**ID 1/2**
		Code designating the action to be taken by all parties		
		H Notification Only		
XQ02	**373**	**Date**	**M**	**DT 8/8**
		Date expressed as CCYYMMDD		
		Start Date range		
XQ03	**373**	**Date**	**M**	**DT 8/8**
		Date expressed as CCYYMMDD		
		End Date range.		

Segment: **LIN** **Item Identification**
Position: 010
Loop: LIN   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic item identification data

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
LIN01	**350**	**Assigned Identification**	**M**	**AN 1/20**
		Alphanumeric characters assigned for differentiation within a transaction set		
LIN02	**235**	**Product/Service ID Qualifier**	**M**	**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)		
LIN03	**234**	**Product/Service ID**	**M**	**AN 1/48**
		Identifying number for a product or service		
Used	**LIN04**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		IN Buyer's Item Number		
Used	**LIN05**	**234**	**Product/Service ID**	**X**	**AN 1/48**
		Identifying number for a product or service		

Segment:	**ZA** **Product Activity Reporting**
Position:	080
Loop:	ZA Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To provide activity details concerning product being reported

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	ZA01	**859**	**Activity Code**	**M**	**ID 2/2**

Code identifying activity details for the product being reported

HL	Quantity on Hold
OH	Gross Quantity On Hand
QP	Quantity On Order, Not Yet Received
	Total quantity expected to be received from supplier for current reporting period, but not yet received
QT	Adjustment to Inventory Quantity
QU	Quantity Returned By Consumer

	Ref. Des.	Data Element	Name		Attributes
Used	**ZA02**	**380**	**Quantity**	**X**	**R 1/15**

Numeric value of quantity

Cumulative across all locations.

	Segment:	**SDQ** Destination Quantity			
	Position:	110			
	Loop:	ZA	Mandatory		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	>1			
	Purpose:	To specify destination and quantity detail			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	SDQ01	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		
Used	SDQ02	66	**Identification Code Qualifier**	**O**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			92 Assigned by Buyer or Buyer's Agent		
	SDQ03	67	**Identification Code**	**M**	**AN 2/80**
			Code identifying a party or other code		
	SDQ04	380	**Quantity**	**M**	**R 1/15**
			Numeric value of quantity		
Used	SDQ05	67	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
Used	SDQ06	380	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
Used	SDQ07	67	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
Used	SDQ08	380	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
Used	SDQ09	67	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
Used	SDQ10	380	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
Used	SDQ11	67	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
Used	SDQ12	380	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
Used	SDQ13	67	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
Used	SDQ14	380	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
Used	SDQ15	67	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
Used	SDQ16	380	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
Used	SDQ17	67	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
Used	SDQ18	380	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
Used	SDQ19	67	**Identification Code**	**X**	**AN 2/80**

			Code identifying a party or other code		
Used	**SDQ20**	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
Used	**SDQ21**	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
Used	**SDQ22**	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
Used	**SDQ23**	**310**	**Location Identifier**	**O**	**AN 1/30**
			Code which identifies a specific location		

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

Data Element Summary

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

Segment: **SE** **Transaction Set Trailer**
Position: 020
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)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SE01	96	**Number of Included Segments**	**M** **N0** **1/10**
		Total number of segments included in a transaction set including ST and SE segments	
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	

810 Invoice

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:

	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		
M	050	REF	Reference Identification	M	1		
M	050	REF	Reference Identification	M	1		
			LOOP ID - N1			200	
M	070	N1	Name	M	1		
M	090	N3	Address Information	M	2		
M	100	N4	Geographic Location	M	1		
M	070	N1	Name	M	1		
M	090	N3	Address Information	M	2		
M	100	N4	Geographic Location	M	1		
Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
M	140	DTM	Date/Time Reference	M	10		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
M	010	IT1	Baseline Item Data (Invoice)	M	1		
			LOOP ID - PID			1000	
Used	060	PID	Product/Item Description	O	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	TDS	Total Monetary Value Summary	M	1		
			LOOP ID - SAC			25	
Used	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
M	070	CTT	Transaction Totals	M	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: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ST01	143	**Transaction Set Identifier Code**	M ID 3/3
		Code uniquely identifying a Transaction Set	
		810 Invoice	
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:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
BIG01	**373**	**Date**	**M**	**DT 8/8**
		Date expressed as CCYYMMDD		
BIG02	**76**	**Invoice Number**	**M**	**AN 1/22**
		Identifying number assigned by issuer		
BIG03	**373**	**Date**	**M**	**DT 8/8**
		Date expressed as CCYYMMDD		
BIG04	**324**	**Purchase Order Number**	**M**	**AN 1/22**
		Identifying number for Purchase Order assigned by the orderer/purchaser		

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify identifying information

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
REF01	128	**Reference Identification Qualifier**	M	ID 2/3
		Code qualifying the Reference Identification		
		IA Internal Vendor Number		
REF02	127	**Reference Identification**	M	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		REF02 must match the REF02 sent in the REF*IA in the 850.		

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To specify identifying information

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
REF01	128	**Reference Identification Qualifier**	M	ID 2/3
		Code qualifying the Reference Identification		
		BM Bill of Lading Number		
REF02	127	**Reference Identification**	M	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		Bill of lading number on the invoice MUST match the bill of lading number on the ASN.		

Segment:	**N1** Name
Position:	070
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Notes:	If the N103 and N104 exist on the 850, then the N103 and N104 are mandatory and must match.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
N101	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
		Code identifying an organizational entity, a physical location, property or an individual		
		ST Ship To		
N102	**93**	**Name**	**M**	**AN 1/60**
		Free-form name		
Used **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		
Used **N104**	**67**	**Identification Code**	**X**	**AN 2/80**
		Code identifying a party or other code		

Segment: # N3 Address Information

Position: 090
Loop: N1   Mandatory
Level: Heading
Usage: Mandatory
Max Use: 2
Purpose: To specify the location of the named party

Data Element Summary

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

Segment:	**N4** Geographic Location
Position:	100
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To specify the geographic place of the named party

Data Element Summary

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

Segment: # N1 Name

Position: 070
Loop: N1   Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N101	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
		Code identifying an organizational entity, a physical location, property or an individual		
		RI Remit To		
N102	**93**	**Name**	**M**	**AN 1/60**
		Free-form name		

			Segment:	**N3** Address Information		

Segment: **N3** Address Information
Position: 090
Loop: N1   Mandatory
Level: Heading
Usage: Mandatory
Max Use: 2
Purpose: To specify the location of the named party

Data Element Summary

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

Segment: **N4** Geographic Location

Position:	100
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To specify the geographic place of the named party

Data Element Summary

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

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	
Notes:	If the ITD03 exists, then the ITD04, ITD05, and ITD08 are mandatory.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	ITD01	336	**Terms Type Code**	M	ID 2/2
			Code identifying type of payment terms		
			01 Basic		
	ITD02	333	**Terms Basis Date Code**	M	ID 1/2
			Code identifying the beginning of the terms period		
			3 Invoice Date		
Used	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		
Used	ITD04	370	**Terms Discount Due Date**	C	DT 8/8
			Date payment is due if discount is to be earned expressed in format CCYYMMDD		
Used	ITD05	351	**Terms Discount Days Due**	C	N0 1/3
			Number of days in the terms discount period by which payment is due if terms discount is earned		
Used	ITD06	446	**Terms Net Due Date**	O	DT 8/8
			Date when total invoice amount becomes due expressed in format CCYYMMDD		
Used	ITD07	386	**Terms Net Days**	O	N0 1/3
			Number of days until total invoice amount is due (discount not applicable)		
Used	ITD08	362	**Terms Discount Amount**	C	N2 1/10
			Total amount of terms discount		
	ITD12	352	**Description**	M	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment:	**DTM** Date/Time Reference
Position:	140
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	10
Purpose:	To specify pertinent dates and times

Data Element Summary

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

Segment:	**IT1** Baseline Item Data (Invoice)
Position:	010
Loop:	IT1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
IT101	**350**	**Assigned Identification**	**M**	**AN 1/20**
		Alphanumeric characters assigned for differentiation within a transaction set		
		IT101 MUST match the PO101 in the 850.		
IT102	**358**	**Quantity Invoiced**	**M**	**R 1/10**
		Number of units invoiced (supplier units)		
IT103	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		EA Each		
IT104	**212**	**Unit Price**	**M**	**R 1/17**
		Price per unit of product, service, commodity, etc.		
IT106	**235**	**Product/Service ID Qualifier**	**M**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		UP U.P.C. Consumer Package Code (1-5-5-1)		
IT107	**234**	**Product/Service ID**	**M**	**AN 1/48**
		Identifying number for a product or service		

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PID01	349	**Item Description Type**	M **ID 1/1**
		Code indicating the format of a description	
		F Free-form	
PID05	352	**Description**	M **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:	Mandatory
Max Use:	1
Purpose:	To specify the total invoice discounts and amounts

Data Element Summary

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

TDS01 is an implied decimal field. The last 2 digits will be recognized as decimals.

Segment: # SAC Service, Promotion, Allowance, or Charge Information
Position: 040
Loop: SAC   Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Data Element Summary

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

Ref. Des.	Data Element	Name	Attributes
	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**   M   ID 4/4 |

Code identifying the service, promotion, allowance, or charge

| | SAC05 | 610 | **Amount**   M   N2 1/15 |

Monetary amount

| Used | SAC06 | 378 | **Allowance/Charge Percent Qualifier**   O   ID 1/1 |

Code indicating on what basis allowance or charge percent is calculated

    Z   Mutually Defined

| Used | SAC07 | 332 | **Percent**   O   R 1/6 |

Percent expressed as a percent

| Used | SAC15 | 352 | **Description**   O   AN 1/80 |

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

Segment: # CTT Transaction Totals

Position: 070
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set

Data Element Summary

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

Segment: **SE** **Transaction Set Trailer**
Position: 080
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SE01	96	**Number of Included Segments**	**M N0 1/10**
		Total number of segments included in a transaction set including ST and SE segments	
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	

846 Inventory Inquiry/Advice

Functional Group ID=IB

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

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	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1		
M	080	N1	Name	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			10000	
M	010	LIN	Item Identification	M	1		
M	320	QTY	Quantity	M	1		
M	100	DTM	Date/Time Reference	M	10		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	CTT	Transaction Totals	M	1		n1
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

Segment: **ST** **Transaction Set Header**
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
		Code uniquely identifying a Transaction Set		
		846 Inventory Inquiry/Advice		
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:	**BIA** Beginning Segment for Inventory Inquiry/Advice
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
BIA01	**353**	**Transaction Set Purpose Code**	**M**	**ID 2/2**
		Code identifying purpose of transaction set		
		00 Original		
BIA02	**755**	**Report Type Code**	**M**	**ID 2/2**
		Code indicating the title or contents of a document, report or supporting item		
		SI Seller Inventory Report		
BIA03	**127**	**Reference Identification**	**M**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
BIA04	**373**	**Date**	**M**	**DT 8/8**
		Date expressed as CCYYMMDD		

Segment: # N1 Name

Position:	080
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N101	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
		Code identifying an organizational entity, a physical location, property or an individual		
		SU Supplier/Manufacturer		
N102	**93**	**Name**	**M**	**AN 1/60**
		Free-form name		
N103	**66**	**Identification Code Qualifier**	**M**	**ID 1/2**
		Code designating the system/method of code structure used for Identification Code (67)		
		92 Assigned by Buyer or Buyer's Agent		
N104	**67**	**Identification Code**	**M**	**AN 2/80**
		Code identifying a party or other code		
		The N104 MUST contain your retailer assigned vendor code.		

Segment:	**LIN** Item Identification		
Position:	010		
Loop:	LIN	Mandatory	
Level:	Detail		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To specify basic item identification data		
Notes:	For every LIN segment, there must be an associated QTY and DTM segment.		
	If an item is scheduled to be discontinued, pass LIN04 = DP and LIN05 = Y.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	LIN02	**235**	**Product/Service ID Qualifier**	**M**	**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)		
	LIN03	**234**	**Product/Service ID**	**M**	**AN 1/48**
			Identifying number for a product or service		
Used	**LIN04**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			DP Discontinued Part Number		
Used	**LIN05**	**234**	**Product/Service ID**	**O**	**AN 1/48**
			Identifying number for a product or service		

Segment: **QTY** Quantity

Position: 320
Loop: LIN   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify quantity information

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
QTY01	673	**Quantity Qualifier**	M ID 2/2
		Code specifying the type of quantity	
		17 Quantity on Hand	
		63 On Order Quantity	
QTY02	380	**Quantity**	M R 1/15
		Numeric value of quantity	

Segment:	**DTM** Date/Time Reference		
Position:	100		
Loop:	LIN	Mandatory	
Level:	Detail		
Usage:	Mandatory		
Max Use:	10		
Purpose:	To specify pertinent dates and times		
Notes:	If QTY02 > 0 for an item, then send the current date in the DTM02.		
	If QTY02 = 0 for an item, then send the next available date in the DTM02.		
	If an item is discontinued, do not send a DTM segment.		

Data Element Summary

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

Segment: # CTT Transaction Totals

Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set

Data Element Summary

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

Segment: **SE** **Transaction Set Trailer**

Position:	020
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)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SE01	96	**Number of Included Segments**	**M N0 1/10**
		Total number of segments included in a transaction set including ST and SE segments	
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	

855 Purchase Order Acknowledgment

Functional Group ID=PR

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

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	BAK	Beginning Segment for Purchase Order Acknowledgment	M		1	
M	050	REF	Reference Identification	M	>1		
			LOOP ID - N9			1000	
Used	280	N9	Reference Identification	O	1		
Used	290	MSG	Message Text	O	1000		

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
M	040	CTP	Pricing Information	M	>1		
M	270	ACK	Line Item Acknowledgment	M	1		
			LOOP ID - N9			1000	
Used	350	N9	Reference Identification	O	1		
Used	360	MSG	Message Text	O	1000		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
M	010	CTT	Transaction Totals	M	1		n2
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.

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ST01	143	**Transaction Set Identifier Code**	M ID 3/3
		Code uniquely identifying a Transaction Set	
		855 Purchase Order Acknowledgment	
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:	**BAK** Beginning Segment for Purchase Order Acknowledgment
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
BAK01	**353**	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

00	Original
08	Status

BAK02	**587**	**Acknowledgment Type**	**M ID 2/2**

Code specifying the type of acknowledgment

AC	Acknowledge - With Detail and Change
AD	Acknowledge - With Detail, No Change

BAK03	**324**	**Purchase Order Number**	**M AN 1/22**

Identifying number for Purchase Order assigned by the orderer/purchaser

BAK04	**373**	**Date**	**M DT 8/8**

Date expressed as CCYYMMDD

BAK08	**127**	**Reference Identification**	**M AN 1/30**

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

This field must contain the Acknowledgement number and must be unique on every 855. This field cannot contain the PO number.

BAK09	**373**	**Date**	**M DT 8/8**

Date expressed as CCYYMMDD

Segment: # REF Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify identifying information

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
REF01	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
		Code qualifying the Reference Identification		
		IA Internal Vendor Number		
REF02	**127**	**Reference Identification**	**M**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		The REF02 MUST match the REF02 sent in the 850.		

Segment: **N9** Reference Identification
Position: 280
Loop: N9   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N901	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
		Code qualifying the Reference Identification		
		L1 Letters or Notes		
N902	**127**	**Reference Identification**	**M**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: # MSG Message Text

Position: 290
Loop: N9   Optional
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free-form format that allows the transmission of text information
Notes: If the N9 segment exists, then the MSG segment is mandatory.

Data Element Summary

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

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PO101	**350**	**Assigned Identification**	**M**	**AN 1/20**
		Alphanumeric characters assigned for differentiation within a transaction set		
		PO101 MUST match the PO101 sent in the 850.		
PO102	**330**	**Quantity Ordered**	**M**	**R 1/15**
		Quantity ordered		
		PO102 MUST match the PO102 sent in the 850.		
PO103	**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		
PO104	**212**	**Unit Price**	**M**	**R 1/17**
		Price per unit of product, service, commodity, etc.		
PO106	**235**	**Product/Service ID Qualifier**	**M**	**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)		
PO107	**234**	**Product/Service ID**	**M**	**AN 1/48**
		Identifying number for a product or service		

Segment: # CTP **Pricing Information**

Position: 040
Loop: PO1   Mandatory
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify pricing information

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CTP03	212	Unit Price	M R 1/17

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

Segment:	**ACK** Line Item Acknowledgment			
Position:	270			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To acknowledge the ordered quantities and specify the ready date for a specific line item			

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
ACK01	668	**Line Item Status Code**	**M**	**ID 2/2**

Code specifying the action taken by the seller on a line item requested by the buyer

IA	Item Accepted
IB	Item Backordered
IR	Item Rejected

Ref. Des.	Data Element	Name		Attributes
ACK02	380	**Quantity**	**M**	**R 1/15**

Numeric value of quantity

The ACK02 is the actual quantity that is being acknowledged on the order.

If the ACK02 matches the PO102, then the ACK01 must contain IA.

If the ACK02 is less than the PO102, but not equal to 0 then the ACK01 must
contain IB.

If the ACK02 is equal to 0, then the ACK01 must contain IR.

Ref. Des.	Data Element	Name		Attributes
ACK03	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

Ref. Des.	Data Element	Name		Attributes
ACK04	374	**Date/Time Qualifier**	**M**	**ID 3/3**

Code specifying type of date or time, or both date and time

010	Requested Ship

Ref. Des.	Data Element	Name		Attributes
ACK05	373	**Date**	**M**	**DT 8/8**

Date expressed as CCYYMMDD

Segment: **N9** Reference Identification
Position: 350
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N901	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
		Code qualifying the Reference Identification		
		L1 Letters or Notes		
N902	**127**	**Reference Identification**	**M**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **MSG** Message Text
Position: 360
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: 1000
Purpose: To provide a free-form format that allows the transmission of text information
Notes: If the N9 segment exists, then the MSG segment is mandatory.

Data Element Summary

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

Segment: # CTT Transaction Totals

Position: 010
Loop: CTT   Mandatory
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CTT01	354	**Number of Line Items**	M N0 1/6

        Total number of line items in the transaction set

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)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SE01	96	**Number of Included Segments**	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
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	

856 Ship Notice/Manifest

<div align="right">

Functional Group ID=SH

</div>

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

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	BSN	Beginning Segment for Ship Notice	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
M	010	HL	Hierarchical Level	M	1		
M	110	TD1	Carrier Details (Quantity and Weight)	M	20		
M	120	TD5	Carrier Details (Routing Sequence/Transit Time)	M	12		
M	150	REF	Reference Identification	M	>1		
M	200	DTM	Date/Time Reference	M	10		
M	210	FOB	F.O.B. Related Instructions	M	1		
			LOOP ID - N1			200	
M	220	N1	Name	M	1		
M	240	N3	Address Information	M	2		
M	250	N4	Geographic Location	M	1		
			LOOP ID - HL			200000	
M	010	HL	Hierarchical Level	M	1		
M	050	PRF	Purchase Order Reference	M	1		
			LOOP ID - HL			200000	
M	010	HL	Hierarchical Level	M	1		
M	190	MAN	Marks and Numbers	M	>1		
			LOOP ID - HL			200000	
M	010	HL	Hierarchical Level	M	1		
M	020	LIN	Item Identification	M	1		
M	030	SN1	Item Detail (Shipment)	M	1		

Summary:

	Pos.	Seg.		Req.		Loop	Notes and

	No.	ID	Name	Des.	Max.Use	Repeat	Comments
M	010	CTT	Transaction Totals	M	1		n1
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Segment:	**ST** Transaction Set Header
Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ST01	**143**	**Transaction Set Identifier Code**	**M ID 3/3**
		Code uniquely identifying a Transaction Set	
		856 Ship Notice/Manifest	
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:	**BSN** Beginning Segment for Ship Notice
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit identifying numbers, dates, and other basic data relating to the transaction set

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
BSN01	353	**Transaction Set Purpose Code**	M	**ID 2/2**
		Code identifying purpose of transaction set		
		00 Original		
BSN02	396	**Shipment Identification**	M	**AN 2/30**
		A unique control number assigned by the original shipper to identify a specific shipment		
BSN03	373	**Date**	M	**DT 8/8**
		Date expressed as CCYYMMDD		
BSN04	337	**Time**	M	**TM 4/8**
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		

Segment: **HL** **Hierarchical Level**

Position:	010
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
	HL01	**628**	**Hierarchical ID Number**	**M AN 1/12**
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
Used	**HL02**	**734**	**Hierarchical Parent ID Number**	**O AN 1/12**
			Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
	HL03	**735**	**Hierarchical Level Code**	**M ID 1/2**
			Code defining the characteristic of a level in a hierarchical structure	
			S Shipment	

Segment: # TD1 **Carrier Details (Quantity and Weight)**

Position: 110
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 20
Purpose: To specify the transportation details relative to commodity, weight, and quantity

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	TD101	**103**	**Packaging Code**	**M**	**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		
			CTN Carton		
	TD102	**80**	**Lading Quantity**	**M**	**N0 1/7**
			Number of units (pieces) of the lading commodity		
	TD106	**187**	**Weight Qualifier**	**M**	**ID 1/2**
			Code defining the type of weight		
			G Gross Weight		
	TD107	**81**	**Weight**	**M**	**R 1/10**
			Numeric value of weight		
	TD108	**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		
			LB Pound		
Used	**TD109**	**183**	**Volume**	**O**	**R 1/8**
			Value of volumetric measure		
Used	**TD110**	**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		
			CF Cubic Feet		

Segment: # TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 120
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 12
Purpose: To specify the carrier and sequence of routing and provide transit time information

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
TD501	133	**Routing Sequence Code**	M	ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement		
		O Origin Carrier (Air, Motor, or Ocean)		
TD502	66	**Identification Code Qualifier**	M	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		2 Standard Carrier Alpha Code (SCAC)		
		92 Assigned by Buyer or Buyer's Agent		
TD503	67	**Identification Code**	M	AN 2/80
		Code identifying a party or other code		
TD505	387	**Routing**	M	AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		

Segment: # REF Reference Identification

Position: 150
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify identifying information

Data Element Summary

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

Code qualifying the Reference Identification

	BM	Bill of Lading Number	
	CN	Carrier's Reference Number (PRO/Invoice)	
	MB	Master Bill of Lading	

Ref. Des.	Data Element	Name	Attributes	
REF02	127	**Reference Identification**	M	AN 1/30

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

Segment:	**DTM** Date/Time Reference
Position:	200
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	10
Purpose:	To specify pertinent dates and times

Data Element Summary

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

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

Position: 210
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify transportation instructions relating to shipment

Data Element Summary

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

Code identifying payment terms for transportation charges

CC	Collect
PP	Prepaid (by Seller)

Segment: # N1 Name

Position:	220
Loop:	N1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code

Data Element Summary

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

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

SF	Ship From
ST	Ship To

	Ref. Des.	Data Element	Name		Attributes
	N102	**93**	**Name**	**M**	**AN 1/60**

Free-form name

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

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

91	Assigned by Seller or Seller's Agent
92	Assigned by Buyer or Buyer's Agent

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

Code identifying a party or other code

Segment: # N3 Address Information

Position: 240
Loop: N1   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 2
Purpose: To specify the location of the named party

Data Element Summary

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

Segment: # N4 Geographic Location

Position: 250
Loop: N1   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify the geographic place of the named party

Data Element Summary

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

Segment: **HL** **Hierarchical Level**
Position: 010
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
HL01	**628**	**Hierarchical ID Number**	**M**	**AN 1/12**
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure		
HL02	**734**	**Hierarchical Parent ID Number**	**M**	**AN 1/12**
		Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to		
HL03	**735**	**Hierarchical Level Code**	**M**	**ID 1/2**
		Code defining the characteristic of a level in a hierarchical structure		
		O Order		

Segment:	**PRF** Purchase Order Reference
Position:	050
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To provide reference to a specific purchase order

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	PRF01	**324**	**Purchase Order Number**	**M**	**AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			Purchase Order number must be identical to the BEG03 sent in the 850.		
Used	**PRF02**	**328**	**Release Number**	**O**	**AN 1/30**
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction		
			Release Number is sent here.		

Segment: **HL** **Hierarchical Level**
Position: 010
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
HL01	**628**	**Hierarchical ID Number**	**M**	**AN 1/12**
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure		
HL02	**734**	**Hierarchical Parent ID Number**	**M**	**AN 1/12**
		Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to		
HL03	**735**	**Hierarchical Level Code**	**M**	**ID 1/2**
		Code defining the characteristic of a level in a hierarchical structure		

        P   Pack

Segment: **MAN** Marks and Numbers
Position: 190
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To indicate identifying marks and numbers for shipping containers

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MAN01	88	**Marks and Numbers Qualifier**	M ID 1/2

Code specifying the application or source of Marks and Numbers (87)

CP   Carrier-Assigned Package ID Number

GM   SSCC-18 and Application Identifier

| MAN02 | 87 | **Marks and Numbers** | M AN 1/48 |

Marks and numbers used to identify a shipment or parts of a shipment

Segment: **HL** **Hierarchical Level**
Position: 010
    Loop: HL   Mandatory
    Level: Detail
    Usage: Mandatory
Max Use: 1
    Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
HL01	**628**	**Hierarchical ID Number**	**M**	**AN**	**1/12**
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure			
HL02	**734**	**Hierarchical Parent ID Number**	**M**	**AN**	**1/12**
		Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to			
HL03	**735**	**Hierarchical Level Code**	**M**	**ID**	**1/2**
		Code defining the characteristic of a level in a hierarchical structure			
		I Item			

Segment: **LIN** **Item Identification**
Position: 020
    Loop: HL   Mandatory
   Level: Detail
   Usage: Mandatory
Max Use: 1
 Purpose: To specify basic item identification data

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
LIN01	**350**	**Assigned Identification**	**M**	**AN 1/20**
		Alphanumeric characters assigned for differentiation within a transaction set		
LIN02	**235**	**Product/Service ID Qualifier**	**M**	**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)		
LIN03	**234**	**Product/Service ID**	**M**	**AN 1/48**
		Identifying number for a product or service		
LIN04	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		IN Buyer's Item Number		
LIN05	**234**	**Product/Service ID**	**O**	**AN 1/48**
		Identifying number for a product or service		
LIN06	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VA Vendor's Style Number		
LIN07	**234**	**Product/Service ID**	**O**	**AN 1/48**
		Identifying number for a product or service		

Segment: **SN1** Item Detail (Shipment)

Position: 030
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify line-item detail relative to shipment

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
SN102	382	**Number of Units Shipped**	M	R 1/10
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set		
SN103	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: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CTT01	354	**Number of Line Items**	M N0 1/6

Total number of line items in the transaction set

Segment: **SE** **Transaction Set Trailer**
Position: 020
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)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SE01	96	**Number of Included Segments**	**M N0 1/10**
		Total number of segments included in a transaction set including ST and SE segments	
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	

869 Order Status Inquiry

Functional Group ID=RS

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Order Status Inquiry Transaction Set (869) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to request all pertinent information relative to an entire purchase order, selected line items on a purchase order, or selected products/services on a purchase order. Inquiry can also be made for all or a selected portion of the customer's ordered items, all or a selected portion of the customer's unshipped items, or all or a selected portion of the customer's shipped items.

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	BSI	Beginning Segment for Order Status Inquiry	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			>1	
M	010	HL	Hierarchical Level	M	1		
M	020	PRF	Purchase Order Reference	M	1		
M	105	REF	Reference Identification	M	1		
			LOOP ID - HL			>1	
M	010	HL	Hierarchical Level	M	1		
M	050	LIN	Item Identification	M	>1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	CTT	Transaction Totals	M	1		n1
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. CTT01 is the number of HL segments.

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
ST01	**143**	**Transaction Set Identifier Code**	**M**	**ID 3/3**
		Code uniquely identifying a Transaction Set		
		869 Order Status Inquiry		
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:	**BSI** Beginning Segment for Order Status Inquiry
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of an order status inquiry and provide the type of customer status inquiry

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
BSI01	**127**	**Reference Identification**	**M**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		BS101 will contain the Purchase Order Number.		
BSI02	**373**	**Date**	**M**	**DT 8/8**
		Date expressed as CCYYMMDD		
		BS102 will contain the Date the 869 is sent.		
BSI03	**847**	**Order/Item Code**	**M**	**ID 1/2**
		Code identifying a group of orders and items		
		PA Selected Orders - All Items		

Segment: # HL Hierarchical Level

Position:	010
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
HL01	628	**Hierarchical ID Number**	**M AN 1/12**
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
HL03	735	**Hierarchical Level Code**	**M ID 1/2**
		Code defining the characteristic of a level in a hierarchical structure	
		O Order	

Segment:	**PRF** Purchase Order Reference
Position:	020
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To provide reference to a specific purchase order

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PRF01	324	**Purchase Order Number**	M AN 1/22
		Identifying number for Purchase Order assigned by the orderer/purchaser	
PRF04	373	**Date**	M DT 8/8
		Date expressed as CCYYMMDD	

Segment: # REF Reference Identification
Position: 105
Loop: HL   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify identifying information

Data Element Summary

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

Code qualifying the Reference Identification

      IA   Internal Vendor Number

Ref. Des.	Data Element	Name	Attributes
REF02	**127**	**Reference Identification**	**M AN 1/30**

Reference information as defined for a particular Transaction Set or as
specified by the Reference Identification Qualifier
REF02 will contain your Assigned Vendor Code.

Segment: # HL **Hierarchical Level**

Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
HL01	628	**Hierarchical ID Number**	M	AN 1/12

A unique number assigned by the sender to identify a particular data segment in a hierarchical structure

Ref. Des.	Data Element	Name	Attributes	
HL03	735	**Hierarchical Level Code**	M	ID 1/2

Code defining the characteristic of a level in a hierarchical structure

   I   Item

Segment: **LIN** Item Identification

Position: 050
    Loop: HL   Mandatory
    Level: Detail
    Usage: Mandatory
Max Use: >1
  Purpose: To specify basic item identification data

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
LIN01	**350**	**Assigned Identification**	**M**	**AN 1/20**
		Alphanumeric characters assigned for differentiation within a transaction set		
LIN02	**235**	**Product/Service ID Qualifier**	**M**	**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)		
LIN03	**234**	**Product/Service ID**	**M**	**AN 1/48**
		Identifying number for a product or service		

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

Data Element Summary

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

Segment: **SE** **Transaction Set Trailer**
Position: 020
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)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SE01	96	**Number of Included Segments**	**M N0 1/10**
		Total number of segments included in a transaction set including ST and SE segments	
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	

870 Order Status Report

Functional Group ID=RS

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

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	BSR	Beginning Segment for Order Status Report	M	1		
M	046	REF	Reference Identification	M	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			1000	
M	010	HL	Hierarchical Level	M	1		
M	020	PRF	Purchase Order Reference	M	1		
			LOOP ID - HL			1000	
M	010	HL	Hierarchical Level	M	1		
			LOOP ID - PO1			1000	
M	150	PO1	Baseline Item Data	M	1		
			LOOP ID - ISR			104	
M	210	ISR	Item Status Report	M	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	CTT	Transaction Totals	M	1		n1
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment:	**ST** **Transaction Set Header**
Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
ST01	**143**	**Transaction Set Identifier Code**	**M**	**ID 3/3**
		Code uniquely identifying a Transaction Set		
		870 Order Status Report		
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:	**BSR** Beginning Segment for Order Status Report
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of an Order Status Report Transaction Set

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
BSR01	850	**Status Report Code**	M	ID 1/2

Code indicating the reason for sending the report

 1 Response to an Order Status Inquiry (869)

BSR02	847	**Order/Item Code**	M	ID 1/2

Code identifying a group of orders and items

 PA Selected Orders - All Items

BSR03	127	**Reference Identification**	M	AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

BSR03 you must assign a unique number to identify each 870. This number must not be repeated in subsequent 870's. Do not send the PO number in this field.

BSR04	373	**Date**	M	DT 8/8

Date expressed as CCYYMMDD

Segment:	**REF** Reference Identification
Position:	046
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To specify identifying information

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
REF01	128	**Reference Identification Qualifier**	M	ID 2/3
		Code qualifying the Reference Identification		
		IA Internal Vendor Number		
REF02	127	**Reference Identification**	M	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: # HL Hierarchical Level

Position:	010
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
HL01	628	**Hierarchical ID Number**	**M AN 1/12**
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
HL03	735	**Hierarchical Level Code**	**M ID 1/2**
		Code defining the characteristic of a level in a hierarchical structure	
		O Order	

Segment:	**PRF** Purchase Order Reference	
Position:	020	
Loop:	HL	Mandatory
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To provide reference to a specific purchase order	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PRF01	**324**	**Purchase Order Number**	**M**	**AN 1/22**
		Identifying number for Purchase Order assigned by the orderer/purchaser		
PRF04	**373**	**Date**	**M**	**DT 8/8**
		Date expressed as CCYYMMDD		

Segment: # HL Hierarchical Level

Position:	010
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
HL01	628	**Hierarchical ID Number**	M AN 1/12

A unique number assigned by the sender to identify a particular data segment in a hierarchical structure

HL03	735	**Hierarchical Level Code**	M ID 1/2

Code defining the characteristic of a level in a hierarchical structure

    I   Item

Segment: # PO1 Baseline Item Data

Position: 150
Loop: PO1   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PO101	350	**Assigned Identification**	M	AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set		
PO102	330	**Quantity Ordered**	M	R 1/15
		Quantity ordered		
PO103	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		
PO104	212	**Unit Price**	M	R 1/17
		Price per unit of product, service, commodity, etc.		
PO106	235	**Product/Service ID Qualifier**	M	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)		
PO107	234	**Product/Service ID**	M	AN 1/48
		Identifying number for a product or service		

Segment: # ISR Item Status Report

Position: 210
Loop: ISR   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify detailed purchase order/item status
Notes: Only populate the ISR02 if the ISR01 is "_CC"_ or "_ED"_.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
ISR01	368	**Shipment/Order Status Code**	M	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

CC	Shipment Complete on (Date)
DS	Out Of Stock Condition
ED	Expect to Ship By (Date)
IC	Item Canceled

Ref. Des.	Data Element	Name		Attributes
Used	ISR02	373	**Date**	C	DT 8/8

Date expressed as CCYYMMDD

	ISR03	641	**Status Reason Code**	M	ID 3/3

Code indicating the status reason

D50	Delayed
NOR	Normal
	A code indicating that health screening results for a student were in the expected range of findings
W01	Out of Stock
W08	Material Shortage

Segment: # CTT Transaction Totals

Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set

Data Element Summary

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

Segment: **SE** **Transaction Set Trailer**
Position: 020
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)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SE01	96	**Number of Included Segments**	**M N0 1/10**
		Total number of segments included in a transaction set including ST and SE segments	
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	