# 850 Purchase Order

# Functional Group ID=

#### 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. <u>No</u> .	Seg. ID	Name	Req. <u>Des</u> .	Max.Use	Loop <u>Repeat</u>	Notes and Comments
М	010	<u>ID</u> ST	Transaction Set Header	M	1	repour	<u></u>
М	020	BEG	Beginning Segment for Purchase Order	М	1		
М	050	REF	Reference Identification	М	>1		
М	110	CSH	Sales Requirements	М	1		
М	110	CSH	Sales Requirements	М	1		
Used	130	ITD	Terms of Sale/Deferred Terms of Sale	0	>1		
М	150	DTM	Date/Time Reference	М	3		
Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12		
			LOOP ID - N1			200	
М	310	N1	Name	М	1		
М	330	N3	Address Information	М	2		
М	340	N4	Geographic Location	М	>1		
Used	360	PER	Administrative Communications Contact	0	>1		

#### Detail:

	Pos. <u>No</u> .	Seg. <u>ID</u>	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
М	010	PO1	Baseline Item Data	М	1		n1
			LOOP ID - CTP			>1	
Used	040	CTP	Pricing Information	0	1		
Used	040	CTP	Pricing Information	0	1		
			LOOP ID - PID			1000	
						1000	
Used	050	PID	Product/Item Description	0	1		

#### Summary:

	Pos. <u>No</u> .	Seg. <u>ID</u>	Name	Req. Des.	LoopNotes andMax.UseRepeatComments		
			LOOP ID - CTT			1	
М	010	CTT	Transaction Totals	М	1		n2
М	030	SE	Transaction Set Trailer	М	1		

#### **Transaction Set Notes**

**1.** PO102 is required.

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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.	Data			
Des.	Element	Name	Attrib	utes
ST01	143	Transaction Set Identifier Code	Μ	ID 3/3
		Code uniquely identifying a Transaction Set		
		850 Purchase Order		
ST02	329	Transaction Set Control Number	Μ	AN 4/9
		Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction s		n set

<b>RFG</b>	Beginning Segment for Purchase Order	
	Beginning Segment for Purchase Order	

Segment:	<b>BEG</b> 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.	Data				
Des.	<u>Element</u>	Name		<u>Attrib</u>	<u>utes</u>
BEG01	353	<b>Transaction Set</b>	Purpose Code	Μ	ID 2/2
		Code identifying	purpose of transaction set		
		00	Original		
BEG02	92	<b>Purchase Order</b>	Type Code	Μ	ID 2/2
		Code specifying t	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 pla	-	jainst a
		0.4	pre-existing contract or blanket ord	er	
		SA	Stand-alone Order		
BEG03	324	Purchase Order	Number	Μ	AN 1/22
		Identifying numb	er for Purchase Order assigned by the order	er/purcl	naser
BEG04	328	Release Number		0	AN 1/30
		Number identifying	ng a release against a Purchase Order previo	ously pla	aced by the
		parties involved i	n the transaction		
BEG05	373	Date		Μ	DT 8/8
		Date expressed as	s CCYYMMDD		

Used



Position:	050
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	>1
Purpose:	To specify identifying information

		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name	<u>Attrib</u>	<u>utes</u>
REF01	128	<b>Reference Identification Qualifier</b>	Μ	ID 2/3
		Code qualifying the Reference Identification		
		IA Internal Vendor Number		
REF02	127	Reference Identification	М	AN 1/30
		Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set or a	as

# **CSH** Sales Requirements

Segment:	<b>CSH</b> 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.	Data				
Des.	<u>Element</u>	Name		<b>Attributes</b>	
CSH01	563	Sales Requirement Code		ID 1/2	
		Code to identify a specific requirement or agreement of sale			
		P4 Do Not Preship			

# **CSH** Sales Requirements

CSH Sales Requirements
110
Heading
Mandatory
1
To specify general conditions or requirements of the sale

		Data Eleme	nt Summary		
Ref.	Data				
Des.	Element	Name		<u>Attrib</u>	<u>utes</u>
CSH01	563	Sales Requirement	Code	Μ	ID 1/2
		Code to identify a spe	ecific requirement or agreement of sale		
		Ν	No Back Order		
		Υ	Back Order if Out of Stock		

<b>ITD</b> Terms of Sale/Deferred Terms of Sa
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Segment:	Terms of Sale/
Position:	130
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
<b>Purpose:</b>	To specify terms of sale

	Ref.	Data	Dutu Ektin			
	Des.	Element	Name	4	Attrib	outes
Used	ITD01	336	Terms Type Code	-	0	ID 2/2
			Code identifying typ	pe of payment terms		
			1	Basic		
			2	End of Month (EOM)		
Used	ITD02	333	Terms Basis Date	Code	0	ID 1/2
			Code identifying the	e beginning of the terms period		
			2	Delivery Date		
			3	Invoice Date		
Used	ITD03	338	Terms Discount Pe	ercent	0	R 1/6
				centage, expressed as a percent, available to n or before the Terms Discount Due Date	the p	ourchaser if
Used	ITD05	351	Terms Discount Da	ays Due	Х	N0 1/3
			Number of days in t discount is earned	he terms discount period by which paymen	t is di	ue if terms
Used	ITD07	386	Terms Net Days		0	N0 1/3
			Number of days unt	il total invoice amount is due (discount not	appli	cable)

## Segment: DTM Date/Time Reference Position: 150 Loop: Level: Heading

Level:HeadingUsage:MandatoryMax Use:3Purpose:To specify pertinent dates and times

Ref. <u>Des.</u> DTM01	Data <u>Element</u> 374		- 	<u>Attrib</u> M	outes ID 3/3
DIMUI	5/4	Date/Time Qualif		М	ID 5/5
		Code specifying ty	pe of date or time, or both date and time		
		1	Cancel After		
		2	Delivery Requested		
		010	Requested Ship		
DTM02	373	Date		Μ	DT 8/8
		Date expressed as	CCYYMMDD		

Segment:	<b>TD5</b> 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 Eleme	ent Summary		
Ref.	Data				
Des.	Element	Name		Attrib	<u>utes</u>
TD501	133	<b>Routing Sequence</b>	Code	Μ	ID 1/2
		Code describing the	relationship of a carrier to a specific shipr	nent m	ovement
		0	Origin Carrier (Air, Motor, or Ocean)		
TD502	66	<b>Identification Code</b>	Qualifier	М	ID 1/2
		Code designating the Code (67)	e system/method of code structure used fo	r Ident	ification
		2	Standard Carrier Alpha Code (SCAC	C)	
		92	Assigned by Buyer or Buyer's Agent		
TD503	67	<b>Identification</b> Code		Μ	AN 2/80
		Code identifying a p	arty or other code		
		001 = MOST ECO	NOMICAL		
		002 = FREE FREI	GHT		
		006 = UPS THIRD	PARTY		
		007 = LONE STAR	ROVERNIGHT		
		008 = FEDEX THI	RD PARTY		
		009 = 300LBS or 6	BREATER / AFS BROKER		
TD505	387	Routing		Μ	AN 1/35
		Free-form description originating carrier's i	n of the routing or requested routing for sl dentity	nipmer	nt, or the
TD512	284	Service Level Code		Μ	ID 2/2
		Code indicating the l	level of transportation service or the billing	g servi	ce offered
		by the transportation	carrier		
		3D	Three Day Service		
		CG	Ground		
		ND	Next Day Air		
			Delivery during business day hours	of nex	t business
			day		
		SE	Second Day		

Segment:	IN I D	Name			
Position:	310				
Loop:	N1	Mandatory			
Level:	Heading				
Usage:	Mandato	ory			
Max Use:	1				
Purpose:			of organization, name, and code		
Notes:	N103 ar	nd N104 will be a	sent on all orders, except when B	BEG02 = DS.	
_		Data E	lement Summary		
Ref.	Data				
Des.	<u>Element</u>			Attrib	
N101	98	Entity Identifie	er Code	Μ	ID 2/3
		Code identifying individual	g an organizational entity, a physical	location, proper	ty or an
		BT	Bill-to-Party		
		ST	Ship To		
N102	93	Name		Μ	AN 1/60
		Free-form name			
N103	66	Identification (	Code Qualifier	X	ID 1/2
		Code (67)	g the system/method of code structu		ification
		92	Assigned by Buyer or Buye	r's Agent	
			C 1	X	A NT 0/00
N104	67	Identification (	Code	Δ	AN 2/80

N104 contains the 4 character Store/Warehouse code.

Used

Used

Segment:	N3 Address Information
<b>Position:</b>	330
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	2
<b>Purpose:</b>	To specify the location of the named party

Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
N301	166	Address Information	Μ	AN 1/55
		Address information		
N302	166	Address Information	0	AN 1/55
		Address information		
	<u>Des.</u> N301	<u>Des.</u> <u>Element</u> N301 166	Des.ElementNameN301166Address InformationAddress informationAddress InformationN302166Address Information	Des. N301ElementName AddressAttrib M M Address informationN302166Address InformationO

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

		Dura Lieniene Sammary		
Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	outes
N401	19	City Name	Μ	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	Μ	ID 2/2
		Code (Standard State/Province) as defined by appropriate go	vernme	nt agency
N403	116	Postal Code	Μ	ID 3/15
N404	26	Code defining international postal zone code excluding punct (zip code for United States) Country Code	tuation a	and blanks ID 2/3
		Code identifying the country	-	

Used

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

	Ref.	Data	Data Element Summary		
	Des.	Element	Name	Attrib	utes
	PER01	366	Contact Function Code	Μ	ID 2/2
			Code identifying the major duty or responsibility of the perso	n or gro	oup named
			CN General Contact		
Used	PER02	93	Name	0	AN 1/60
			Free-form name		
Used	PER03	365	Communication Number Qualifier	Х	ID 2/2
			Code identifying the type of communication number		
			TE Telephone		
Used	PER04	364	Communication Number	Х	AN 1/80
			Complete communications number including country or area applicable	code w	hen
Used	PER05	365	Communication Number Qualifier	Х	ID 2/2
			Code identifying the type of communication number		
			EM Electronic Mail		
Used	PER06	364	Communication Number	Х	AN 1/80
			Complete communications number including country or area applicable	code w	hen

Segment:	<b>PO1</b> 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

	Ref.	Data	Data Element Summary		
	<u>Des.</u>	Element		<u>Attrib</u>	
	PO101	350	Assigned Identification	Μ	AN 1/20
		•••	Alphanumeric characters assigned for differentiation within a		
	PO102	330	Quantity Ordered	Μ	R 1/15
			Quantity ordered		
	PO103	355	Unit or Basis for Measurement Code		ID 2/2
			Code specifying the units in which a value is being expressed	i, or m	nanner in
			which a measurement has been taken CA Case		
			EA Each		
	<b>DO104</b>	010		м	D 1/15
	PO104	212	Unit Price	Μ	R 1/17
			Price per unit of product, service, commodity, etc.		
Used	PO106	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive number use Product/Service ID (234) UP U.P.C. Consumer Package Code (1		
		224			•
Used	PO107	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
Used	PO108	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive number use Product/Service ID (234)	ed in	
			IN Buyer's Item Number		
Used	PO109	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
Used	PO110	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive number use Product/Service ID (234) VA Vendor's Style Number	ed in	
Used	PO111	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		

	Segment: Position: Loop:	040 CTP	Pricing Information Optional		
	Level: Usage:	Detail Optional			
	Max Use:	1			
	Purpose:	To specif	y pricing information		
	Notes:	MSR is	the "compare to" price for purposes of price ticket creati	ion.	
	Ref.	Data	Data Element Summary		
	Des.	Element	Name	Attrib	outes
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:	CTF	Pricing Information		
	Position:	040			
	Loop:	CTP	Optional		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	1			
	Purpose:		fy pricing information		
	Notes:	RES is t	he product selling price.		
			Data Element Summary		
	Ref.	Data			
	Des.	Element		<u>Attril</u>	
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.		

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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

	<b>D</b> 4	<b>D</b> (	Dutu L	active in Summary		
	Ref.	Data	N		A 44 - 11	
	<u>Des.</u>	Element	Name		<u>Attrib</u>	utes
	PID01	349	Item Description	on Type	Μ	ID 1/1
			Code indicating	the format of a description		
			F	Free-form		
Used	PID02	750	<b>Product/Proces</b>	ss Characteristic Code	0	ID 2/3
			Code identifying	g the general class of a product or process cha	aracteris	tic
			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		Х	AN 1/80
			A free-form des	cription to clarify the related data elements a	nd 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

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

# **SE** Transaction Set Trailer

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.	Data				
Des.	Element	Name	<u>Attrib</u>	utes	
SE01	96	Number of Included Segments	Μ	N0	1/10
		Total number of segments included in a transaction set inc	luding S	T an	d SE
		segments			
SE02	329	Transaction Set Control Number	Μ	AN	[ 4/9
		Identifying control number that must be unique within the tra- functional group assigned by the originator for a transaction		n 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:**

М	<b>Pos.</b> <u>No</u> . 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des</u> . M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BCH	Beginning Segment for Purchase Order Change	М	1		
Used	050	REF	Reference Identification	0	>1		
М	110	CSH	Sales Requirements	М	1		
М	110	CSH	SalesRequirements	М	1		
Used	130	ITD	Terms of Sale/Deferred Terms of Sale	0	5		
М	150	DTM	Date/Time Reference	М	3		
Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12		
			LOOP ID - N1			200	
М	300	N1	Name	М	1		
М	320	N3	Address Information	М	2		
М	330	N4	Geographic Location	М	>1		
М	350	PER	Administrative Communications Contact	М	>1		

#### Detail:

	Pos. <u>No</u> .	Seg. <u>ID</u>	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - POC			>1	
М	010	POC	Line Item Change	М	1		
Used	040	CTP	Pricing Information	0	>1		
Used	040	CTP	Pricing Information	0	>1		
			LOOP ID - PID			1000	
Used	050	PID	Product/Item Description	0	1		

#### Summary:

	Pos. <u>No</u> .	Seg. <u>ID</u>	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Used	010	CTT	LOOP ID - CTT Transaction Totals	0	1	1	n1
Useu	010	CII		0	1		nl
М	030	SE	Transaction Set Trailer	М	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.	Data			
Des.	Element	Name	Att	<u>ributes</u>
ST01	143	<b>Transaction Set Identifier Code</b>	Ν	M ID 3/3
		Code uniquely identifying a Transaction	on Set	
		860 Purchase Orde	r Change Request - Buy	er Initiated
ST02	329	<b>Transaction Set Control Number</b>	Ν	M AN 4/9
		Identifying control number that must b functional group assigned by the origin		tion set

<b>BCH</b>	Beginning Segment for Purchase Order Change
	Beginning Segment for Purchase Order Change

Segment:	<b>BCH</b> 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

	Ref.	Data	Data Elem	ent Summary		
	Des.	Element	Name		<u>Attrik</u>	outes
	BCH01	353	Transaction Set Pu	irpose Code	Μ	ID 2/2
			Code identifying pu	rpose of transaction set		
			If BCH01 = 01, ca	ncel the entire order.		
			If BCH01 = 04, sn	apshot of complete PO.		
			01	Cancellation		
			04	Change		
	BCH02	92	Purchase Order T	ype Code	Μ	ID 2/2
			Code specifying the	type of Purchase Order		
			For Release Orde Order (BK) when	rs, BEG04 will indicate PO Number fi BEG02 = RL.	rom Bla	anket
			Orders that contai location.	n a dash (-) and will identify the actua	al Ship	То
			BK	Blanket Order (Quantity Firm)		
			CN	Container		
			DS	Dropship		
			RL	Release or Delivery Order		
				An order for goods and services pla		gainst a
			SA	pre-existing contract or blanket orde Stand-alone Order	ər	
	BCH03	324	Purchase Order N	umber	Μ	AN 1/22
			Identifying number	for Purchase Order assigned by the order	er/purcl	naser
Used	BCH04	328	<b>Release Number</b>		0	AN 1/30
			Number identifying parties involved in t	a release against a Purchase Order previo he transaction	ously pl	aced by the
	BCH06	373	Date		Μ	DT 8/8
			Date expressed as C	CCYYMMDD		
Used	BCH11	373	Date		0	DT 8/8
			Date expressed as C	CCYYMMDD		



Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information

			Da	ta Element Summary		
	Ref.	Data				
	Des.	Element	Name		<u>Attrib</u>	outes
	REF01	128	Reference	Identification Qualifier	Μ	ID 2/3
			Code qualif	ying the Reference Identification		
			IA	Internal Vendor Number		
I	REF02	127	Reference	Identification	Х	AN 1/30
				nformation as defined for a particular Transaction the Reference Identification Qualifier	n Set or	as

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Used

# **CSH** Sales Requirements

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 Eleme	nt Summary			
Ref.	Data					
Des.	<u>Element</u>	Name		<u>Attrib</u>	<u>utes</u>	
CSH01	563	Sales Requirement	Code	Μ	ID 1/2	
		Code to identify a spe	ecific requirement or agreement of sale			
		P4	Do Not Preship			

# **CSH** Sales Requirements

CSH Sales Requirements
110
Heading
Mandatory
1
To specify general conditions or requirements of the sale

		Data Eleme	nt Summary		
Ref.	Data				
Des.	Element	Name		<u>Attrib</u>	<u>utes</u>
CSH01	563	Sales Requirement	Code	Μ	ID 1/2
		Code to identify a spe	ecific requirement or agreement of sale		
		Ν	No Back Order		
		Υ	Back Order if Out of Stock		

<b>ITD</b> Terms of Sale/Def	ferred Terms of Sale
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Segment:	TD Terms of Sale/
Position:	130
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	5
Purpose:	To specify terms of sale

Used	Ref. <u>Des.</u> ITD01	Data <u>Element</u> 336	<u>Name</u> Terms Type Code	<u>Attrik</u> O	outes ID 2/2
			Code identifying type of payment	terms	
			1 Basic		
			2 End of Mon	nth (EOM)	
Used	ITD02	333	Terms Basis Date Code	0	ID 1/2
			Code identifying the beginning of	the terms period	
			2 Delivery Da	ate	
			3 Invoice Dat	e	
Used	ITD03	338	<b>Terms Discount Percent</b>	0	R 1/6
			Terms discount percentage, expres an invoice is paid on or before the		ourchaser if
Used	ITD05	351	<b>Terms Discount Days Due</b>	Х	N0 1/3
			Number of days in the terms disco discount is earned	unt period by which payment is du	ue if terms
Used	ITD07	386	Terms Net Days	0	N0 1/3
			Number of days until total invoice	amount is due (discount not appli-	cable)

## Segment: DTM Date/Time Reference Position: 150 Loop: Level: Heading

Heading
Mandatory
3
To specify pertinent dates and times

Ref.	Data				
Des.	<u>Element</u>	Name		<u>Attrib</u>	outes
DTM01	374	Date/Time	Qualifier	Μ	ID 3/3
		Code specif	Tying type of date or time, or both date and time		
		1	Cancel After		
		2	Delivery Requested		
		010	Requested Ship		
DTM02	373	Date		Μ	DT 8/8
		Date expres	ssed as CCYYMMDD		

Segment:	<b>TD5</b> Carrier Details (Routing Sequence/Transit Time)
<b>Position:</b>	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.	Data	N		• • • •	
<u>Des.</u>	Element	<u>Name</u>		<u>Attrib</u>	
ГD501	133	Routing Sequ	ience Code	Μ	ID 1/2
		Code describin	ng the relationship of a carrier to a specific sh	ipment m	ovement
		0	Origin Carrier (Air, Motor, or Ocea	ın)	
ГD502	66	Identification	Code Qualifier	Μ	ID 1/2
		Code designati Code (67)	ing the system/method of code structure used	for Ident	ification
		2	Standard Carrier Alpha Code (SC	AC)	
		92	Assigned by Buyer or Buyer's Age	ent	
FD503	67	Identification	Code	Μ	AN 2/80
		Code identifyi	ng a party or other code		
FD505	387	Routing		Μ	AN 1/35
		Free-form deso originating car	cription of the routing or requested routing fo rrier's identity	r shipmer	it, or the
FD512	284	Service Level	Code	Х	ID 2/2
		Code indicatin	g the level of transportation service or the bil	ling servi	ce offered
		by the transport	rtation carrier		
		3D	Three Day Service		
		CG	Ground		
		ND	Next Day Air		
			Delivery during business day hour day	s of nex	t busines
		SE	Second Day		

Used

Segment:	N1 <sub>Name</sub>			
<b>Position:</b>	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 Eleme	ent Summary		
Ref.	Data	N			
Des.	Element	Name		Attrib	utes
N101	98	Entity Identifier Co	ode	Μ	ID 2/3
		Code identifying an individual	organizational entity, a physical location,	proper	ty or an
		BT	Bill-to-Party		
		ST	Ship To		
N102	93	Name		Μ	AN 1/60
		Free-form name			
N103	66	<b>Identification</b> Code	Qualifier	Μ	ID 1/2
		Code designating the	e system/method of code structure used for	or Ident	ification
		Code (67)			
		92	Assigned by Buyer or Buyer's Agen	t	
N104	67	Identification Code		Μ	AN 2/80
		Code identifying a p	party or other code		
		N104 contains the	4 character Store/Warehouse code.		

Segment:	N3 Address Information
<b>Position:</b>	320
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	2
Purpose:	To specify the location of the named party

		····· · · · · · · · · · · · · · · · ·		
Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
N301	166	Address Information	Μ	AN 1/55
		Address information		
N302	166	Address Information	0	AN 1/55
		Address information		
	<u>Des.</u> N301	<u>Des.</u> <u>Element</u> N301 166	Des.       Element       Name         N301       166       Address Information         Address information         N302       166         Address Information	Des.ElementNameAttribN301166Address InformationMAddress informationMN302166Address InformationO

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

		Dutu Litilitiit Sulling		
Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	outes
N401	19	City Name	Μ	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	Μ	ID 2/2
		Code (Standard State/Province) as defined by appropriate go	vernme	nt agency
N403	116	Postal Code	Μ	ID 3/15
N404	26	Code defining international postal zone code excluding punct (zip code for United States) Country Code	tuation a	and blanks ID 2/3
11404	20	•	U	ID 2/3
		Code identifying the country		

Used

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

	Ref.	Data	Data Extitent Summary		
	Des.	Element	Name	<u>Attributes</u>	
	PER01	366	Contact Function Code	Μ	ID 2/2
			Code identifying the major duty or responsibility of the pers	on or gro	oup named
Used	PER02	93	Name	0	AN 1/60
			Free-form name		
Used	PER03	365	Communication Number Qualifier	Х	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 applicable	a code w	hen
Used	PER05	365	Communication Number Qualifier	Х	ID 2/2
			Code identifying the type of communication number		
			EM Electronic Mail		
Used	PER06	364	Communication Number	Х	AN 1/80
			Complete communications number including country or area applicable	a code w	hen

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

	D A		Data Elem	ent Summary				
	Ref.	Data Flomont	Nome		Attributos			
	<u>Des.</u> POC01	<u>Element</u> 350	Name Assigned Identification		<u>Attributes</u> M AN 1/20			
	10001	550	Alphanumeric characters assigned for differentiation within					
	POC02	670	Change or Response Type Code		М	ID 2/2		
				type of change to the line item				
			Al	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 corre-	spondi	ng values in		
				the original purchase order with th				
				in the Purchase Order Change Tran	nsactio			
Used	POC03	330	Quantity Ordered		0	R 1/15		
			Quantity ordered					
Used	POC05	C001	Composite Unit of		Х			
			• •	site unit of measure (See Figures App	oendix f	or examples		
	C00101	355	,	of use) Unit or Basis for Measurement Code		ID 2/2		
	000101	000		Unit or Basis for Measurement CodeMID 2/2Code 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		Х	R 1/17		
			Price per unit of pro	duct, service, commodity, etc.				
Used	POC08	235	Product/Service ID	Qualifier	Х	ID 2/2		
				e type/source of the descriptive number us	sed in			
			Product/Service ID ( UP	(234) U.P.C. Consumer Package Code (	1_5_5_1	)		
Used	POC09	234	Product/Service ID	• ·		AN 1/48		
Uscu	1000	234		for a product or service	Δ	AI <b>I</b> 1/40		
Used	POC10	235	Product/Service ID	-	X	ID 2/2		
Ustu	10010	200		e type/source of the descriptive number us		10 2/2		
			Product/Service ID (		jeu ili			
			IN	Buyer's Item Number				
Used	POC11	234	<b>Product/Service ID</b>		Х	AN 1/48		
			Identifying number	for a product or service				
Used	POC12	235	<b>Product/Service ID</b>	Qualifier	Х	ID 2/2		
				e type/source of the descriptive number us	sed in			
			Product/Service ID					
			VA	Vendor's Style Number				

X AN 1/48

Segment:CTPPricing InformationPosition:040Loop:POCMandatoryLevel:DetailUsage:OptionalMax Use:>1Purpose:To specify pricing information

Used	Ref. <u>Des.</u> CTP02	Data <u>Element</u> 236	Price Identifie	r Code ng pricing specification	<u>Attrib</u> X	utes ID 3/3
			MSR	Manufacturer's Suggested Retail		
			RES	Resale		
Used	CTP03	212	<b>Unit Price</b>		Х	R 1/17
			Price per unit o	f product, service, commodity, etc.		

Segment:CTPPricing InformationPosition:040Loop:POCMandatoryLevel:DetailUsage:OptionalMax Use:>1Purpose:To specify pricing information

Used	Ref. <u>Des.</u> CTP02	Data <u>Element</u> 236	<u>Name</u> Price Identifie	r Code	<u>Attrib</u> X	outes ID 3/3
			Code identifyin	ng pricing specification		
			RES	Resale		
Used	CTP03	212	<b>Unit Price</b>		Х	R 1/17
			Price per unit of	f 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

	<b>D</b> 4	<b>D</b> (	Dutu L	active in Summary		
	Ref.	Data	N		A 44 - 11	
	<u>Des.</u>	Element	Name		<u>Attrib</u>	utes
	PID01	349	Item Description	on Type	Μ	ID 1/1
			Code indicating	the format of a description		
			F	Free-form		
Used	PID02	750	<b>Product/Proces</b>	ss Characteristic Code	0	ID 2/3
			Code identifying	g the general class of a product or process cha	aracteris	tic
			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		Х	AN 1/80
			A free-form des	cription to clarify the related data elements a	nd 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

Ref.	Data	•		
Des.	<b>Element</b>	Name	<u>Attrib</u>	utes
CTT01	354	Number of Line Items	Μ	N0 1/6
		Total number of line items in the transaction set		

## **SE** Transaction Set Trailer

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.	Data				
Des.	Element	Name	<u>Attrib</u>	utes	
SE01	96	Number of Included Segments	Μ	N0	1/10
		Total number of segments included in a transaction set inc	luding S	T an	d SE
		segments			
SE02	329	Transaction Set Control Number	Μ	AN	[ 4/9
		Identifying control number that must be unique within the tra- functional group assigned by the originator for a transaction		n set	

# **852 Product Activity Data**

### Functional Group ID=

#### 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:**

М	<b>Pos.</b> <u>No</u> . 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des</u> . M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	XQ	Reporting Date/Action	М	1		

#### Detail:

	Pos. <u>No</u> .	Seg. <u>ID</u>	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			999999	
М	010	LIN	Item Identification	М	1		
			LOOP ID - ZA			>1	
М	080	ZA	Product Activity Reporting	М	1		n1
Used	110	SDQ	Destination Quantity	0	>1		

#### Summary:

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No</u> .	ID	<u>Name</u>	Des.	Max.Use	<b>Repeat</b>	<b>Comments</b>
Used	010	CTT	Transaction Totals	0	1		n2
М	020	SE	Transaction Set Trailer	М	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.

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.

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.	Data				
Des.	<u>Element</u>	Name		<u>Attrib</u>	<u>utes</u>
ST01	143	Transaction	Set Identifier Code	Μ	ID 3/3
		Code uniquel	y identifying a Transaction Set		
		852	Product Activity Data		
ST02	329	Transaction	Set Control Number	Μ	AN 4/9
			ntrol number that must be unique within the tra- up assigned by the originator for a transaction		n set

Segment:XQReporting Date/ActionPosition:020Loop:Usage:HeadingUsage:MandatoryMax Use:1Purpose:To specify reporting date and action to be taken

		Duta Element Sammary		
Ref.	Data			
Des.	Element	Name	<u>Attribı</u>	<u>ites</u>
XQ01	305	Transaction Handling Code	Μ	ID 1/2
		Code designating the action to be taken by all parties		
		H Notification Only		
XQ02	373	Date	Μ	DT 8/8
		Date expressed as CCYYMMDD		
		Start Date range		
XQ03	373	Date	М	DT 8/8
		Date expressed as CCYYMMDD		
		End Date range.		

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

	Ref.	Data	Duta Element Summary		
	Des.	<u>Element</u>	Name	<u>Attrib</u>	<u>utes</u>
	LIN01	350	Assigned Identification	Μ	AN 1/20
			Alphanumeric characters assigned for differentiation within a	a transac	tion set
	LIN02	235	Product/Service ID Qualifier	Μ	ID 2/2
			Code identifying the type/source of the descriptive number u	sed in	
			Product/Service ID (234)		
			UP U.P.C. Consumer Package Code (	(1-5-5-1	)
	LIN03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
Used	LIN04	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive number u Product/Service ID (234) IN Buyer's Item Number	sed in	
Used	LIN05	234	Product/Service ID	Х	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 Brint	Summer y		
Ref.	Data				
Des.	Element	Name	A	ttrib	<u>utes</u>
ZA01	859	Activity Code		Μ	ID 2/2
		Code identifying ac	tivity details for the product being reported		
		HL	Quantity on Hold		
		ОН	Gross Quantity On Hand		
		QP	Quantity On Order, Not Yet Received		
		QT	Total quantity expected to be received for current reporting period, but not ye Adjustment to Inventory Quantity		
		QU	Quantity Returned By Consumer		
ZA02	380	Quantity		Х	R 1/15
		Numeric value of qu	antity		
		Cumulative across	all locations.		

Used

Segment:SDQ Destination QuantityPosition:110Loop:ZA MandatoryLevel:DetailUsage:OptionalMax Use:>1

**Purpose:** To specify destination and quantity detail

#### **Data Element Summary**

	Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attrib	<u>outes</u>
	SDQ01	355	Unit or Basis for Measurement Code		ID 2/2
			Code specifying the units in which a value is being expressed which a measurement has been taken	, or n	nanner in
			EA Each		
Used	SDQ02	66	Identification Code Qualifier	0	ID 1/2
			Code designating the system/method of code structure used for	r Iden	tification
			Code (67) 92 Assigned by Buyer or Buyer's Agent		
	SDQ03	67	Identification Code	Μ	AN 2/80
			Code identifying a party or other code		
	SDQ04	380	Quantity	Μ	R 1/15
			Numeric value of quantity		
Used	SDQ05	67	Identification Code	Х	AN 2/80
			Code identifying a party or other code		
Used	SDQ06	380	Quantity	Х	R 1/15
			Numeric value of quantity		
Used	SDQ07	67	Identification Code	Х	AN 2/80
			Code identifying a party or other code		
Used	SDQ08	380	Quantity	Х	R 1/15
			Numeric value of quantity		
Used	SDQ09	67	Identification Code	Х	AN 2/80
			Code identifying a party or other code		
Used	SDQ10	380	Quantity	Х	R 1/15
			Numeric value of quantity		
Used	SDQ11	67	Identification Code	Х	AN 2/80
			Code identifying a party or other code		
Used	SDQ12	380	Quantity	Х	R 1/15
			Numeric value of quantity		
Used	SDQ13	67	Identification Code	Х	AN 2/80
			Code identifying a party or other code		
Used	SDQ14	380	Quantity	Х	R 1/15
			Numeric value of quantity		
Used	SDQ15	67	Identification Code	Х	AN 2/80
			Code identifying a party or other code		
Used	SDQ16	380	Quantity	Х	R 1/15
			Numeric value of quantity		
Used	SDQ17	67	Identification Code	Х	AN 2/80
			Code identifying a party or other code		
Used	SDQ18	380	Quantity	Х	R 1/15
			Numeric value of quantity		
Used	SDQ19	67	Identification Code	Х	AN 2/80
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			Code identifying a party or other code		
Used	SDQ20	380	Quantity	Х	R 1/15
			Numeric value of quantity		
Used	SDQ21	67	Identification Code	Х	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	0	AN 1/30
			Code which identifies a specific location		

<b>CTT</b> Transaction Totals
010
Summary
Optional
1
To transmit a hash total for a specific element in the transaction set

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

## **SE** Transaction Set Trailer

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.	Data				
Des.	Element	Name	<u>Attrib</u>	utes	
SE01	96	Number of Included Segments	Μ	N0	1/10
		Total number of segments included in a transaction set inc	luding S	T an	d SE
		segments			
SE02	329	Transaction Set Control Number	Μ	AN	[ 4/9
		Identifying control number that must be unique within the tra- functional group assigned by the originator for a transaction		n 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:**

М	<b>Pos.</b> <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des</u> . M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BIG	Beginning Segment for Invoice	М	1		
М	050	REF	Reference Identification	М	1		
Μ	050	REF	Reference Identification	М	1		
			LOOP ID - N1			200	
М	070	N1	Name	М	1		
М	090	N3	Address Information	Μ	2		
М	100	N4	Geographic Location	М	1		
М	070	N1	Name	М	1		
М	090	N3	Address Information	М	2		
М	100	N4	Geographic Location	М	1		
Used	130	ITD	Terms of Sale/Deferred Terms of Sale	0	>1		
М	140	DTM	Date/Time Reference	М	10		

#### Detail:

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No</u> .	<u>ID</u>	Name	Des.	Max.Use	Repeat	Comments
			LOOP ID - IT1			200000	
М	010	IT1	Baseline Item Data (Invoice)	М	1		
			LOOP ID - PID			1000	
Used	060	PID	Product/Item Description	0	1		

#### Summary:

М	<b>Pos.</b> <u>No</u> . 010	Seg. <u>ID</u> TDS	<u>Name</u> Total Monetary Value Summary	Req. <u>Des</u> . M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
			LOOP ID - SAC			25	
Used	040	SAC	Service, Promotion, Allowance, or Charge Information	0	1		
М	070	CTT	Transaction Totals	М	1		n1
М	080	SE	Transaction Set Trailer	Μ	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.	Data			
Des.	Element	Name	<u>Attrib</u>	utes
ST01	143	Transaction Set Identifier Code	Μ	ID 3/3
		Code uniquely identifying a Transaction Set		
		810 Invoice		
ST02	329	Transaction Set Control Number	Μ	AN 4/9
		Identifying control number that must be unique within the tra- functional group assigned by the originator for a transaction		n set

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## **BIG** Beginning Segment for Invoice

Segment:	<b>BIG</b> Beginning Segment for Invoice
<b>Position:</b>	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

Ref.	Data	Dum Elentent Summury		
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
BIG01	373	Date	Μ	DT 8/8
		Date expressed as CCYYMMDD		
BIG02	76	Invoice Number	Μ	AN 1/22
		Identifying number assigned by issuer		
BIG03	373	Date	Μ	DT 8/8
		Date expressed as CCYYMMDD		
BIG04	324	Purchase Order Number	Μ	AN 1/22
		Identifying number for Purchase Order assigned by the order	erer/purch	naser

**REF** Reference Identification

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

		Data Element Summary		
Ref.	Data			
Des.	Element	Name	Attrib	<u>utes</u>
REF01	128	<b>Reference Identification Qualifier</b>	Μ	ID 2/3
		Code qualifying the Reference Identification		
		IA Internal Vendor Number		
REF02	127	Reference Identification	Μ	AN 1/30
		Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier REF02 must match the REF02 sent in the REF*IA in		as



**REF** Reference Identification

Position:	050
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To specify identifying information

Segment:

		Data Element Summary		
Ref.	Data			
Des.	Element	Name	<u>Attribı</u>	<u>ites</u>
REF01	128	<b>Reference Identification Qualifier</b>	Μ	ID 2/3
		Code qualifying the Reference Identification		
		BM Bill of Lading Number		
REF02	127	Reference Identification	Μ	AN 1/30
		Reference information as defined for a particular Transpecified by the Reference Identification Qualifier	nsaction Set or a	IS
		Bill of lading number on the invoice MUST match number on the ASN.	h the bill of lad	ing

Segment:	N1 <sub>Name</sub>
<b>Position:</b>	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.	Data			
	Des.	Element	Name	<u>Attrib</u>	outes
	N101	<b>98</b>	Entity Identifier Code	Μ	ID 2/3
			Code identifying an organizational entity, a physical location	, proper	rty or an
			individual		
			ST Ship To		
	N102	93	Name	Μ	AN 1/60
			Free-form name		
Used	N103	66	Identification Code Qualifier	Х	ID 1/2
			Code designating the system/method of code structure used f	or Ident	tification
			Code (67)		
			92 Assigned by Buyer or Buyer's Ager	nt	
Used	N104	67	Identification Code	Х	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
<b>Purpose:</b>	To specify the location of the named party

Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
N301	166	Address Information	Μ	AN 1/55
		Address information		
N302	166	Address Information	0	AN 1/55
		Address information		
	<u>Des.</u> N301	<u>Des.</u> <u>Element</u> N301 166	Des.ElementNameN301166Address InformationAddress informationAddress InformationN302166Address Information	Des. N301ElementName AddressAttrib M M Address informationN302166Address InformationO

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

		Dura Lieniene Sammary		
Ref.	Data			
Des.	<u>Element</u>	Name	<u>Attrib</u>	utes
N401	19	City Name	Μ	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	Μ	ID 2/2
		Code (Standard State/Province) as defined by appropriate go	vernme	nt agency
N403	116	Postal Code	Μ	ID 3/15
N404	26	Code defining international postal zone code excluding punct (zip code for United States) Country Code	uation a	and blanks ID 2/3
		Code identifying the country		

Used

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 Lien	ient Summary		
Ref.	Data				
Des.	<u>Element</u>	Name		<u>Attrib</u>	<u>utes</u>
N101	98	Entity Identifier (	Code	Μ	ID 2/3
		Code identifying an individual	n organizational entity, a physical location	, proper	ty or an
		RI	Remit To		
N102	93	Name		Μ	AN 1/60
		Free-form name			

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

<u>tribi</u>	<u>utes</u>
М	AN 1/55
0	AN 1/55

Used

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

		Dura Litiliti Sullina j		
Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	outes
N401	19	City Name	Μ	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	Μ	ID 2/2
		Code (Standard State/Province) as defined by appropriate gov	vernme	nt agency
N403	116	Postal Code	Μ	ID 3/15
N404	26	Code defining international postal zone code excluding punct (zip code for United States) Country Code	uation a	and blanks
1444	20	Code identifying the country	U	10 2/5

Used

Segment:	<b>ITD</b> 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.	Data			
	Des.	Element	Name	<u>Attrib</u>	utes
	ITD01	336	Terms Type Code	Μ	ID 2/2
			Code identifying type of payment terms		
			01 Basic		
	ITD02	333	Terms Basis Date Code	Μ	ID 1/2
			Code identifying the beginning of the terms period		
			3 Invoice Date		
Used	ITD03	338	Terms Discount Percent	0	R 1/6
			Terms discount percentage, expressed as a percent, available	-	urchaser if
<b>T</b> T 1		250	an invoice is paid on or before the Terms Discount Due Dat		DT 0/0
Used	ITD04	370	Terms Discount Due Date	С	DT 8/8
			Date payment is due if discount is to be earned expressed in CCYYMMDD	format	
Used	ITD05	351	Terms Discount Days Due	С	N0 1/3
			Number of days in the terms discount period by which payn discount is earned	nent is du	ue if terms
Used	ITD06	446	Terms Net Due Date	0	DT 8/8
			Date when total invoice amount becomes due expressed in a CCYYMMDD	format	
Used	ITD07	386	Terms Net Days	0	N0 1/3
			Number of days until total invoice amount is due (discount	not applie	cable)
Used	ITD08	362	Terms Discount Amount	C	N2 1/10
			Total amount of terms discount		
	ITD12	352	Description	Μ	AN 1/80
			A free-form description to clarify the related data elements a	and their	content

#### Segment: DTM Date/Time Reference Position: 140 Loop: Level: Heading

Loop.	
Level:	Heading
Usage:	Mandatory
Max Use:	10
Purpose:	To specify pertinent dates and times

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

Segment:	<b>IT1</b> 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.	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
IT101	350	Assigned Identification	Μ	AN 1/20
		Alphanumeric characters assigned for differentiation within a	transac	tion set
		IT101 MUST match the PO101 in the 850.		
IT102	358	Quantity Invoiced	М	R 1/10
		Number of units invoiced (supplier units)		
IT103	355	Unit or Basis for Measurement Code	Μ	ID 2/2
		Code specifying the units in which a value is being expressed which a measurement has been taken EA Each	, or ma	nner in
IT104	212	Unit Price	Μ	R 1/17
		Price per unit of product, service, commodity, etc.		
IT106	235	Product/Service ID Qualifier	Μ	ID 2/2
		Code identifying the type/source of the descriptive number us Product/Service ID (234) UP U.P.C. Consumer Package Code (1		)
IT107	234	Product/Service ID	Μ	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

		Duta Element Summary	
Ref.	Data		
Des.	Element	Name	<u>Attributes</u>
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 eler	nents 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

Ref. <u>Des.</u> TDS01	Data <u>Element</u> 610	<u>Name</u> Amount	<u>Attrib</u> M	<u>utes</u> N2 1/15
		Monetary amount		
		TDS01 is an implied decimal field. The last 2 digits will be recognized as decimals.		

Segment:	<b>SAC</b> 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		
	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
SAC01	248	Allowance or Charge Indicator	Μ	ID 1/1
		Code which indicates an allowance or charge for the servi	ce specifie	d
		A Allowance		
		C Charge		
SAC02	1300	Service, Promotion, Allowance, or Charge Code	Μ	ID 4/4
		Code identifying the service, promotion, allowance, or cha	urge	
SAC05	610	Amount	Μ	N2 1/15
		Monetary amount		
SAC06	378	Allowance/Charge Percent Qualifier	0	ID 1/1
		Code indicating on what basis allowance or charge percen	t is calcula	ited
		Z Mutually Defined		
SAC07	332	Percent	0	R 1/6
		Percent expressed as a percent		
SAC15	352	Description	0	AN 1/80
		A free-form description to clarify the related data elements	s and their	content
	SAC02 SAC05 SAC06 SAC07	Des. SAC01Element 248SAC021300SAC05610SAC06378SAC07332	Des.       Element       Name         SAC01       248       Allowance or Charge Indicator         Code which indicates an allowance or charge for the servit       A         A       Allowance         C       Charge         SAC02       1300         Service, Promotion, Allowance, or Charge Code         Code identifying the service, promotion, allowance, or charge         SAC05       610         Amount         Monetary amount         SAC06       378         Allowance/Charge Percent Qualifier         Code indicating on what basis allowance or charge percent         Z       Mutually Defined         SAC07       332       Percent         Percent expressed as a percent       SAC15         SAC15       352       Description	Des.       Element       Name       Attrib         SAC01       248       Allowance or Charge Indicator       M         Code which indicates an allowance or charge for the service specifie       A       Allowance         A       Allowance       C       Charge         SAC02       1300       Service, Promotion, Allowance, or Charge Code       M         Code identifying the service, promotion, allowance, or charge       M         Code identifying the service, promotion, allowance, or charge       M         Monetary amount       M         SAC06       378       Allowance/Charge Percent Qualifier       O         Code indicating on what basis allowance or charge percent is calculated at the service of the service at a percent       O         SAC07       332       Percent       O         Percent expressed as a percent       Percent       O

Segment:	<b>CTT</b> 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

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

## **SE** Transaction Set Trailer

Segment:	SE Transaction Set Trailer
<b>Position:</b>	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.	Data				
Des.	Element	Name	<u>Attrib</u>	utes	
SE01	96	Number of Included Segments	Μ	N0	1/10
		Total number of segments included in a transaction set included	luding S	ST an	d SE
		segments			
SE02	329	Transaction Set Control Number	Μ	AN	[ 4/9
		Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction		n set	

# 846 Inventory Inquiry/Advice

#### 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:

М	<b>Pos.</b> <u>No.</u> 010	Seg. ID ST	<u>Name</u> Transaction Set Header	Req. <u>Des</u> . M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BIA	Beginning Segment for Inventory	М	1		
М	080	N1	Inquiry/Advice Name	М	1		

#### Detail:

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

### Summary:

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No.</u>	ID	<u>Name</u>	Des.	Max.Use	<b>Repeat</b>	<b>Comments</b>
М	010	CTT	Transaction Totals	М	1		n1
М	020	SE	Transaction Set Trailer	М	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.	Data			
Des.	<u>Element</u>	Name	Attrib	utes
ST01	143	Transaction Set Identifier Code	Μ	ID 3/3
		Code uniquely identifying a Transaction Set		
		846 Inventory Inquiry/Advice		
ST02	329	Transaction Set Control Number	Μ	AN 4/9
		Identifying control number that must be unique within the functional group assigned by the originator for a transaction		n set

BIA	Beginning Seg	gment 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

Segment:

		Duta Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name	Attrib	utes
BIA01	353	Transaction Set Purpose Code	Μ	ID 2/2
		Code identifying purpose of transaction set		
		00 Original		
BIA02	755	Report Type Code	Μ	ID 2/2
		Code indicating the title or contents of a document, report or su	upport	ing item
		SI Seller Inventory Report		
BIA03	127	Reference Identification	Μ	AN 1/30
		Reference information as defined for a particular Transaction S	set or	as
		specified by the Reference Identification Qualifier		
BIA04	373	Date	Μ	DT 8/8
		Date expressed as CCYYMMDD		

Segment:	N1 Name
<b>Position:</b>	080
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code

		Duta Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name	<u>Attrib</u>	utes
N101	98	Entity Identifier Code	Μ	ID 2/3
		Code identifying an organizational entity, a physical location, individual	proper	ty or an
		SU Supplier/Manufacturer		
N102	93	Name	Μ	AN 1/60
		Free-form name		
N103	66	Identification Code Qualifier	Μ	ID 1/2
		Code designating the system/method of code structure used for	or Ident	ification
		Code (67)		
		92 Assigned by Buyer or Buyer's Agen	t	
N104	67	Identification Code	Μ	AN 2/80
		Code identifying a party or other code		
		The N104 MUST contain your retailer assigned vendor	code.	

S	egment:	LIN	Item Identification		
	Position:	010			
1	Loop:	0 - 0	Mandatory		
	Level:	Detail	Wandatory		
	Usage:	Mandator	<b>*</b> 77		
N	Iax Use:	1	y		
	Purpose:	-	y basic item identification data		
1	Notes:		y LIN segment, there must be an associated QTY and DT	M seg	gment.
					-
		If an iter	n is scheduled to be discontinued, pass LIN04 = DP and I	IN05	= Y.
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name	Attri	outes
	LIN02	235	Product/Service ID Qualifier	М	ID 2/2
			Code identifying the type/source of the descriptive number use	d in	
			Product/Service ID (234)		
			UP U.P.C. Consumer Package Code (1)	-5-5-1	)
	LIN03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
	LIN04	235	Product/Service ID Qualifier	0	ID 2/2
			Code identifying the type/source of the descriptive number use Product/Service ID (234) DP Discontinued Part Number	d in	
	T TN:0 F	224		0	A NT 4 (40
	LIN05	234	Product/Service ID	0	AN 1/48
			Identifying number for a product or service		

Used

Used

Segment:	<b>QTY</b> Quantity
Position:	320
Loop:	LIN Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
<b>Purpose:</b>	To specify quantity information

Data				
Element	Name		<u>Attrib</u>	<u>utes</u>
673	Quantity Qu	alifier	Μ	ID 2/2
	Code specifyi	ing the type of quantity		
	17	Quantity on Hand		
	63	On Order Quantity		
380	Quantity		Μ	R 1/15
	Numeric valu	e of quantity		
	Element 673	ElementName673Quantity QuCode specifyit1763380Quantity	ElementName673Quantity QualifierCode specifying the type of quantity17Quantity on Hand63On Order Quantity	ElementNameAttrib673Quantity QualifierMCode specifying the type of quantity1717Quantity on Hand63On Order Quantity380QuantityM

### DTM

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.

		Dui	a Element Builling		
Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>		Attri	butes
DTM01	374	Date/Time (	Qualifier	Μ	ID 3/3
		Code specify	ing type of date or time, or both date and time		
		169	Product Availability Date		
DTM02	373	Date		Μ	DT 8/8
		Date express	ed as CCYYMMDD		

Segment:	<b>CTT</b> 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

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

# **SE** Transaction Set Trailer

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.	Data				
Des.	Element	Name	<u>Attrib</u>	utes	
SE01	96	Number of Included Segments	Μ	N0	1/10
		Total number of segments included in a transaction set inc	luding S	T an	d SE
		segments			
SE02	329	Transaction Set Control Number	Μ	AN	[ 4/9
		Identifying control number that must be unique within the tra- functional group assigned by the originator for a transaction		n set	

# 855 Purchase Order Acknowledgment

## Functional Group ID=

#### 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:**

М	<b>Pos.</b> <u>No</u> . 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des</u> . M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BAK	Beginning Segment for Purchase Order Acknowledgment	М	1		
М	050	REF	Reference Identification	М	>1		
			LOOP ID - N9			1000	
Used	280	N9	Reference Identification	0	1		
Used	290	MSG	Message Text	0	1000		

#### Detail:

	Pos. <u>No</u> .	Seg. <u>ID</u>	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
М	010	PO1	Baseline Item Data	М	1		n1
М	040	CTP	Pricing Information	М	>1		
М	270	ACK	Line Item Acknowledgment	М	1		
			LOOP ID - N9			1000	
Used	350	N9	Reference Identification	0	1		
Used	360	MSG	Message Text	0	1000		

#### Summary:

	Pos. <u>No</u> .	Seg. <u>ID</u>	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
М	010	CTT	Transaction Totals	М	1		n2
М	030	SE	Transaction Set Trailer	М	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.	Data			
Des.	Element	Name	<u>Attrib</u>	utes
ST01	143	Transaction Set Identifier Code	Μ	ID 3/3
		Code uniquely identifying a Transaction Set		
		855 Purchase Order Acknowledgment		
ST02	329	Transaction Set Control Number	Μ	AN 4/9
		Identifying control number that must be unique within the transact functional group assigned by the originator for a transaction set		

# **BAK** Beginning Segment for Purchase Order Acknowledgment

Segment:	<b>BAK</b> 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.	Data			
Des.	Element	Name	<u>Attrib</u>	outes
BAK01	353	Transaction Set Purpose Code	Μ	ID 2/2
		Code identifying purpose of transaction set		
		00 Original		
		08 Status		
BAK02	587	Acknowledgment Type	Μ	ID 2/2
		Code specifying the type of acknowledgment		
		AC Acknowledge - With Detail and Cha	nge	
		AD Acknowledge - With Detail, No Cha	nge	
BAK03	324	Purchase Order Number	Μ	AN 1/22
		Identifying number for Purchase Order assigned by the order	er/purch	naser
BAK04	373	Date	Μ	DT 8/8
		Date expressed as CCYYMMDD		
BAK08	127	Reference Identification	Μ	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	М	DT 8/8
		Date expressed as CCYYMMDD		



Position:	050
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	>1
<b>Purpose:</b>	To specify identifying information

		Data Element Summary			
Ref.	Data				
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>	
REF01	128	<b>Reference Identification Qualifier</b>	М	ID 2/3	
		Code qualifying the Reference Identification			
		IA Internal Vendor Number			
REF02	127	Reference Identification	Μ	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.	Data				
Des.	Element	Name	<u>Attrib</u>	utes	
N901	128	Reference Identification QualifierMID 2/3			
		Code qualifying the Reference Identification			
		L1 Letters or Notes			
N902	127	Reference Identification	Μ	AN 1/30	
	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			as	

### MSG Mossage Text

MSG Message Text				
290				
N9 Optional				
Heading				
Optional				
1000				
To provide a free-form format that allows the transmission of text information				
If the N9 segment exists, then the MSG segment is mandatory.				

### Data Element Summary

		Data Element Summe
Ref.	Data	
Des.	Element	Name
MSG01	933	Free-Form Message Text
		Free-form message text

Attributes M AN 1/264

Segment:	<b>PO1</b> 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. <u>Des.</u>	Data Element	Name	Attrib	utos
<u>Des.</u> PO101	<u>350</u>	Assigned Identification	M	AN 1/20
		Alphanumeric characters assigned for differentiation within a	a transac	tion set
		PO101 MUST match the PO101 sent in the 850.		
PO102	330	Quantity Ordered	Μ	R 1/15
		Quantity ordered		
		PO102 MUST match the PO102 sent in the 850.		
PO103	355	Unit or Basis for Measurement Code	Μ	ID 2/2
		Code specifying the units in which a value is being expresse which a measurement has been taken EA Each	d, or ma	nner in
PO104	212	Unit Price	Μ	R 1/17
		Price per unit of product, service, commodity, etc.		
PO106	235	Product/Service ID Qualifier	Μ	ID 2/2
		Code identifying the type/source of the descriptive number u	sed in	
		Product/Service ID (234) UP U.P.C. Consumer Package Code (	(1-5-5-1	)
PO107	234	Product/Service ID	Μ	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

Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attrib	<u>utes</u>
CTP03	212	Unit Price	Μ	R 1/17
		Price per unit of product, service, commodity, etc.		

Segment:	<b>ACK</b> Line Item Acknowledgment
<b>Position:</b>	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.	Data			
Des.	Element	Name	<u>Attrib</u>	utes
ACK01	668	Line Item Status Code	Μ	ID 2/2
		Code specifying the action taken by the seller on a line item re-	equeste	d by the
		buyer		
		IA Item Accepted		
		IB Item Backordered		
		IR Item Rejected		
ACK02	380	Quantity	Μ	R 1/15
		Numeric value of quantity		
		The ACK02 is the actual quantity that is being acknowle order.	dged (	on the
		If the ACK02 matches the PO102, then the ACK01 mus	t conta	ain IA.
		If the ACK02 is less than the PO102, but not equal to 0 must contain IB.	then th	ne ACK01
		If the ACK02 is equal to 0, then the ACK01 must contain	n IR.	
ACK03	355	Unit or Basis for Measurement Code		ID 2/2
		Code specifying the units in which a value is being expressed	l, or m	anner in
		which a measurement has been taken		
		EA Each		
ACK04	374	Date/Time Qualifier	Μ	ID 3/3
		Code specifying type of date or time, or both date and time		
		010 Requested Ship		
ACK05	373	Date	Μ	DT 8/8
		Date expressed as CCYYMMDD		
		r		

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.	Data			
Des.	<u>Element</u>	Name	<u>Attrib</u>	utes
N901	128	<b>Reference Identification Qualifier</b>	Μ	ID 2/3
		Code qualifying the Reference Identification		
		L1 Letters or Notes		
N902	127	Reference Identification	Μ	AN 1/30
		Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	n Set or	as

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 Summa
Ref.	Data	
Des.	Element	Name
MSG01	933	Free-Form Message Text
		Free-form message text

Attributes M AN 1/264

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

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

# **SE** Transaction Set Trailer

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.	Data				
Des.	Element	Name	<u>Attrib</u>	utes	
SE01	96	Number of Included Segments	Μ	N0	1/10
		Total number of segments included in a transaction set inc	luding S	T an	d SE
		segments			
SE02	329	Transaction Set Control Number	Μ	AN	[ 4/9
		Identifying control number that must be unique within the tra- functional group assigned by the originator for a transaction		n set	

# 856 Ship Notice/Manifest

## Functional Group ID=**SH**

#### 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.	Seg.		Req.		Loop	Notes and
	<u>No</u> .	ID	Name	Des.	Max.Use	<b>Repeat</b>	<b>Comments</b>
М	010	ST	Transaction Set Header	Μ	1		
М	020	BSN	Beginning Segment for Ship Notice	Μ	1		

#### Detail:

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

### Summary:

Req.

М	<u>No</u> . 010	<u>ID</u> CTT	<u>Name</u> Transaction Totals	<u>Des</u> . M	<u>Max.Use</u> 1	<u>Repeat</u>	Comments n1
М	020	SE	Transaction Set Trailer	М	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	Liement Summary		
Ref.	Data				
Des.	Element	Name		<u>Attrib</u>	utes
ST01	143	Transaction	Set Identifier Code	Μ	ID 3/3
		Code uniquel	y identifying a Transaction Set		
		856	Ship Notice/Manifest		
ST02	329	Transaction	Set Control Number	Μ	AN 4/9
			ontrol number that must be unique within the trough assigned by the originator for a transaction		n set

эГ	N	Beginning	Segment for	Ship	Notice	
	_	Deginning	Segment for	omp	1 tonee	

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

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.	Data			
	Des.	Element	Name	Attrib	<u>utes</u>
	HL01	628	Hierarchical ID Number	Μ	AN 1/12
			A unique number assigned by the sender to identify a partic	cular dat	a segment
			in a hierarchical structure		
Used	HL02	734	Hierarchical Parent ID Number	0	AN 1/12
			Identification number of the next higher hierarchical data seg segment being described is subordinate to	ment th	at the data
	HL03	735	Hierarchical Level Code	Μ	ID 1/2
			Code defining the characteristic of a level in a hierarchical st	ructure	
			S Shipment		

Segment:	<b>TD1</b> Carrier Details (Quantity and Weight)
Position:	110
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	20
<b>Purpose:</b>	To specify the transportation details relative to commodity, weight, and quantity

		Data Element Summary		
Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	utes
TD101	103	Packaging Code	Μ	AN 3/5
		Code identifying the type of packaging; Part 1: Packaging F	orm, Par	t 2:
		Packaging Material; if the Data Element is used, then Part 1 CTN Carton	is alway	s required
TD102	80	Lading Quantity	М	N0 1/7
		Number of units (pieces) of the lading commodity		
TD106	187	Weight Qualifier	Μ	ID 1/2
		Code defining the type of weight		
		G Gross Weight		
TD107	81	Weight	Μ	R 1/10
		Numeric value of weight		
TD108	355	Unit or Basis for Measurement Code	Μ	ID 2/2
		Code specifying the units in which a value is being expresse which a measurement has been taken LB Pound	d, or ma	nner in
TD109	183	Volume	0	R 1/8
		Value of volumetric measure		
TD110	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being expresse which a measurement has been taken CF Cubic Feet	d, or ma	nner in

Used

Used

Segment:	<b>TD5</b> 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.	Data			
Des.	Element	Name	Attrib	utes
TD501	133	Routing Sequence Code	Μ	ID 1/2
		Code describing the relationship of a carrier to a specific ship	nent m	novement
		O Origin Carrier (Air, Motor, or Ocean)		
TD502	66	Identification Code Qualifier	Μ	ID 1/2
		Code designating the system/method of code structure used for	r Ident	ification
		Code (67)		
		2 Standard Carrier Alpha Code (SCAC	2)	
		92 Assigned by Buyer or Buyer's Agent	:	
TD503	67	Identification Code	Μ	AN 2/80
		Code identifying a party or other code		
TD505	387	Routing	Μ	AN 1/35
		Free-form description of the routing or requested routing for st originating carrier's identity	hipmer	nt, or the

Segment:	<b>REF</b> Reference Identification
Position:	150
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	>1
Purpose:	To specify identifying information

		Data Ele	ment Summary		
Ref.	Data				
Des.	Element	Name		<u>Attrib</u>	<u>utes</u>
REF01	128	<b>Reference Identi</b>	fication Qualifier	Μ	ID 2/3
		Code qualifying the	he Reference Identification		
		BM	Bill of Lading Number		
		CN	Carrier's Reference Number (PRO	/Invoice	)
		MB	Master Bill of Lading		
REF02	127	<b>Reference Identi</b>	fication	Μ	AN 1/30
			ation as defined for a particular Transaction reference Identification Qualifier	a Set or a	as

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

		Duta Liellielle Sullinal J		
Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	utes
DTM01	374	Date/Time Qualifier	Μ	ID 3/3
		Code specifying type of date or time, or both date and time		
		011 Shipped		
DTM02	373	Date	Μ	DT 8/8
		Date expressed as CCYYMMDD		

# FOR Related Instructions

Segment:	FOB F.O.B. Related Instructions
<b>Position:</b>	210
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify transportation instructions relating to shipment

		U	ata Element Summary			
Ref.	Data					
Des.	Element	Name		<u>Attrib</u>	utes	
FOB01	146	Shipment	Shipment Method of Payment			
		Code iden	tifying 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

			Dutu Liti	lient Summary		
	Ref. <u>Des.</u>	Data <u>Element</u>	Name		<u>Attrib</u>	outes
	N101	98	Entity Identifier (	Code	Μ	ID 2/3
			Code identifying an individual	n organizational entity, a physical location,	proper	rty or an
			SF	Ship From		
			ST	Ship To		
	N102	93	Name		Μ	AN 1/60
			Free-form name			
Used	N103	66	Identification Cod	le Qualifier	С	ID 1/2
			Code designating the Code (67)	he system/method of code structure used fo	r Iden	tification
			91	Assigned by Seller or Seller's Agent		
			92	Assigned by Buyer or Buyer's Agent		
Used	N104	67	<b>Identification</b> Cod	le	С	AN 2/80
			Code identifying a	party or other code		

Segment:	N3 Address Information
<b>Position:</b>	240
Loop:	N1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	2
Purpose:	To specify the location of the named party

Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
N301	166	Address Information	Μ	AN 1/55
		Address information		
N302	166	Address Information	0	AN 1/55
		Address information		
	<u>Des.</u> N301	<u>Des.</u> <u>Element</u> N301 166	Des.ElementNameN301166Address InformationAddress informationAddress InformationN302166Address Information	Des. N301ElementName AddressAttrib M M Address informationN302166Address InformationO

Segment:	N4	Geographic Location
Position:	250	
Loop:	N1	Mandatory
Level:	Detail	
Usage:	Manda	tory
Max Use:	1	
Purpose:	To spec	cify the geographic place of the named party

		Dura Litiliti Sullina j		
Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	outes
N401	19	City Name	Μ	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	Μ	ID 2/2
		Code (Standard State/Province) as defined by appropriate gov	vernme	nt agency
N403	116	Postal Code	Μ	ID 3/15
N404	26	Code defining international postal zone code excluding punct (zip code for United States) Country Code	uation a	and blanks
1444	20	Code identifying the country	U	10 2/5

Used

Segment:	HL Hierarchical Level
<b>Position:</b>	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.	Data			
Des.	Element	Name	<u>Attrib</u>	utes
HL01	628	Hierarchical ID Number	Μ	AN 1/12
		A unique number assigned by the sender to identify a partic	ular dat	ta segment
		in a hierarchical structure		
HL02	734	Hierarchical Parent ID Number	Μ	AN 1/12
		Identification number of the next higher hierarchical data seg	ment th	at the data
		segment being described is subordinate to		
HL03	735	Hierarchical Level Code	Μ	ID 1/2
		Code defining the characteristic of a level in a hierarchical str	ucture	
		O Order		

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

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

Used

Segment:	HL Hierarchical Level
<b>Position:</b>	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.	Data			
Des.	Element	Name	<u>Attrib</u>	utes
HL01	628	Hierarchical ID Number	Μ	AN 1/12
		A unique number assigned by the sender to identify a partic	ular dat	a segment
		in a hierarchical structure		
HL02	734	Hierarchical Parent ID Number	Μ	AN 1/12
		Identification number of the next higher hierarchical data seg	ment th	at the data
		segment being described is subordinate to		
HL03	735	Hierarchical Level Code	Μ	ID 1/2
		Code defining the characteristic of a level in a hierarchical str	ucture	
		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

	Dutu D	Summary		
Data				
Element	Name		<u>Attrib</u>	utes
88	Marks and Nu	nbers Qualifier	Μ	ID 1/2
	Code specifying	the application or source of Marks and Num	bers (87	7)
	CP	Carrier-Assigned Package ID Numb	ber	
	GM	SSCC-18 and Application Identifier		
87	Marks and Nur	nbers	М	AN 1/48
	Marks and numb	pers used to identify a shipment or parts of a s	shipmer	nt
	Element 88	DataElementName88Marks and NumCode specifying CPGM87Marks and Num	ElementName88Marks and Numbers QualifierCode specifying the application or source of Marks and NumCPCarrier-Assigned Package ID NumbGMSSCC-18 and Application Identifier87Marks and Numbers	Data       Attrib         Element       Name       Attrib         88       Marks and Numbers Qualifier       M         Code specifying the application or source of Marks and Numbers (8°       CP       Carrier-Assigned Package ID Number         GM       SSCC-18 and Application Identifier

Segment:	HL Hierarchical Level
<b>Position:</b>	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.	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
HL01	628	Hierarchical ID Number	М	AN 1/12
		A unique number assigned by the sender to identify a partic	ular dat	a segment
		in a hierarchical structure		
HL02	734	Hierarchical Parent ID Number	Μ	AN 1/12
		Identification number of the next higher hierarchical data seg segment being described is subordinate to	ment th	at the data
HL03	735	Hierarchical Level Code	Μ	ID 1/2
		Code defining the characteristic of a level in a hierarchical str	ructure	
		l 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.	Data			
Des.	Element	Name	Attrib	<u>utes</u>
LIN01	350	Assigned Identification	Μ	AN 1/20
		Alphanumeric characters assigned for differentiation within a	transac	tion set
LIN02	235	Product/Service ID Qualifier	М	ID 2/2
		Code identifying the type/source of the descriptive number us	sed in	
		Product/Service ID (234)		
		UP U.P.C. Consumer Package Code (	1-5-5-1	)
LIN03	234	Product/Service ID	М	AN 1/48
		Identifying number for a product or service		
LIN04	235	Product/Service ID Qualifier	0	ID 2/2
		Code identifying the type/source of the descriptive number us	sed in	
		Product/Service ID (234)		
		IN Buyer's Item Number		
LIN05	234	Product/Service ID	0	AN 1/48
		Identifying number for a product or service		
LIN06	235	Product/Service ID Qualifier	0	ID 2/2
		Code identifying the type/source of the descriptive number	used ir	1
		Product/Service ID (234)		
		VA Vendor's Style Number		
LIN07	234	Product/Service ID	0	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.	Data			
Des.	Element	Name	<u>Attrib</u>	utes
SN102	382	Number of Units Shipped	Μ	R 1/10
		Numeric value of units shipped in manufacturer's shipping un or transaction set	its for a	a line item
SN103	355	Unit or Basis for Measurement Code	Μ	ID 2/2
		Code specifying the units in which a value is being expressed which a measurement has been taken EA Each	, or ma	nner in

Segment:	<b>CTT</b> 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

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

# **SE** Transaction Set Trailer

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.	Data				
Des.	Element	Name	<u>Attrib</u>	utes	
SE01	96	Number of Included Segments	Μ	N0	1/10
		Total number of segments included in a transaction set inc	luding S	T an	d SE
		segments			
SE02	329	Transaction Set Control Number	Μ	AN	[ 4/9
		Identifying control number that must be unique within the tra- functional group assigned by the originator for a transaction		n set	

# **869 Order Status Inquiry**

## Functional Group ID=

#### 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. <u>No</u> .	Seg. <u>ID</u>	Name	Req. <u>Des</u> .	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	010	ST	Transaction Set Header	M	1		
М	020	BSI	Beginning Segment for Order Status Inquiry	М	1		

### Detail:

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

### Summary:

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No</u> .	ID	Name	Des.	Max.Use	Repeat	<b>Comments</b>
М	010	CTT	Transaction Totals	М	1		n1
М	020	SE	Transaction Set Trailer	М	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	Liement Summary		
Ref.	Data				
Des.	<u>Element</u>	Name		<u>Attrib</u>	utes
ST01	143	Transaction S	et Identifier Code	Μ	ID 3/3
		Code uniquely	identifying a Transaction Set		
		869	Order Status Inquiry		
ST02	329	Transaction S	et Control Number	Μ	AN 4/9
			trol number that must be unique within the tr p assigned by the originator for a transaction		n set

Segment:

### 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		
Data			
Element	Name	<u>Attrib</u>	<u>utes</u>
127	Reference Identification	Μ	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.		
373	Date	Μ	DT 8/8
	Date expressed as CCYYMMDD		
	BS102 will contain the Date the 869 is sent.		
847	Order/Item Code	Μ	ID 1/2
	Code identifying a group of orders and items		
	PA Selected Orders - All Items		
	Element 127 373	Data         Element       Name         127       Reference Identification         Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier         BS101 will contain the Purchase Order Number.         373       Date         Date expressed as CCYYMMDD         BS102 will contain the Date the 869 is sent.         847       Order/Item Code         Code identifying a group of orders and items	DataAttribElementNameAttrib127Reference IdentificationMReference Information as defined for a particular Transaction Set or a specified by the Reference Identification QualifierMBS101 will contain the Purchase Order Number.M373DateMDate expressed as CCYYMMDDBS102 will contain the Date the 869 is sent.847Order/Item CodeMCode identifying a group of orders and itemsM

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.	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
HL01	628	Hierarchical ID Number	Μ	AN 1/12
		A unique number assigned by the sender to identify a partic	cular dat	a segment
		in a hierarchical structure		
HL03	735	Hierarchical Level Code	Μ	ID 1/2
		Code defining the characteristic of a level in a hierarchical st	ructure	
		O Order		

<b>PRF</b> Purchase Order Reference
020
HL Mandatory
Detail
Mandatory
1
To provide reference to a specific purchase order

		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name	<u>Attrib</u>	<u>utes</u>
PRF01	324	Purchase Order Number	Μ	AN 1/22
		Identifying number for Purchase Order assigned by the orde	rer/purcl	naser
PRF04	373	Date	Μ	DT 8/8
		Date expressed as CCYYMMDD		

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

		Data Element Summary		
Ref.	Data Element	Nome	A ttuib	utos
Des.	Element	Name	<u>Attrib</u>	utes
REF01	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		IA Internal Vendor Number		
REF02	127	Reference Identification	Μ	AN 1/30
		Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier REF02 will contain your Assigned Vendor Code.	Set or a	as

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.	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
HL01	628	Hierarchical ID Number	Μ	AN 1/12
		A unique number assigned by the sender to identify a partic in a hierarchical structure	cular dat	a segment
HL03	735	Hierarchical Level Code	Μ	ID 1/2
		Code defining the characteristic of a level in a hierarchical st	ructure	
		l Item		

Segment:	LIN Item Identification
Position:	050
Loop:	HL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	>1
<b>Purpose:</b>	To specify basic item identification data

		Duta Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name	<u>Attrib</u>	<u>utes</u>
LIN01	350	Assigned Identification	Μ	AN 1/20
		Alphanumeric characters assigned for differentiation within a	a transac	tion set
LIN02	235	Product/Service ID Qualifier	Μ	ID 2/2
		Code identifying the type/source of the descriptive number u	sed in	
		Product/Service ID (234)		
		UP U.P.C. Consumer Package Code (	(1-5-5-1	)
LIN03	234	Product/Service ID	Μ	AN 1/48
		Identifying number for a product or service		

Segment:	<b>CTT</b> 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

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

# **SE** Transaction Set Trailer

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.	Data				
Des.	Element	Name	<u>Attrib</u>	utes	
SE01	96	Number of Included Segments	Μ	N0	1/10
		Total number of segments included in a transaction set inc	luding S	T an	d SE
		segments			
SE02	329	Transaction Set Control Number	Μ	AN	[ 4/9
		Identifying control number that must be unique within the tra- functional group assigned by the originator for a transaction		n set	

# **870 Order Status Report**

## Functional Group ID=

#### 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:**

М	<b>Pos.</b> <u>No</u> . 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des</u> . M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BSR	Beginning Segment for Order Status Report	М	1		
М	046	REF	Reference Identification	М	1		

### Detail:

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

#### Summary:

	Pos. <u>No</u> .	Seg. ID	Name	Req. <u>Des</u> .	Max.Use	Loop Repeat	Notes and Comments
М	010	CTT	Transaction Totals	М	1		n1
М	020	SE	Transaction Set Trailer	М	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.	Data			
Des.	Element	Name	Attrib	utes
ST01	143	Transaction Set Identifier Code	Μ	ID 3/3
		Code uniquely identifying a Transaction Set		
		870 Order Status Report		
ST02	329	Transaction Set Control Number	Μ	AN 4/9
		Identifying control number that must be unique within the tr functional group assigned by the originator for a transaction		n set

ning Segment for Order S	tatus Report
	ning Segment for Order S

Segment:	<b>BSR</b> 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.	Data				
Des.	Element	Name		<u>Attrib</u>	utes
BSR01	850	Status Report Code		Μ	ID 1/2
		Code indicating the reas	son for sending the report		
		1 R	esponse to an Order Status Inquir	y (869)	)
BSR02	847	Order/Item Code		Μ	ID 1/2
		Code identifying a grou	p of orders and items		
		PA S	Selected Orders - All Items		
BSR03	127	<b>Reference Identification</b>	on	Μ	AN 1/30
		Reference information a	as defined for a particular Transaction	Set or a	as
		specified by the Referen	nce Identification Qualifier		
		BSR03 you must ass	ign a unique number to identify ea	ch 870	. This
			repeated in subsequent 870's. Do	not ser	nd the PO
		number in this field.			
BSR04	373	Date		Μ	DT 8/8
		Date expressed as CCY	YMMDD		



**REF** Reference Identification

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

		Data Element Summary		
Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
REF01	128	<b>Reference Identification Qualifier</b>	М	ID 2/3
		Code qualifying the Reference Identification		
		IA Internal Vendor Number		
REF02	127	Reference Identification	Μ	AN 1/30
		Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier	Set or	as

HL Hierarchical Level
010
HL Mandatory
Detail
Mandatory
1
To identify dependencies among and the content of hierarchically related groups of data segments

		Data Element Summary		
Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
HL01	628	Hierarchical ID Number	Μ	AN 1/12
		A unique number assigned by the sender to identify a partic	cular dat	a segment
		in a hierarchical structure		
HL03	735	Hierarchical Level Code	Μ	ID 1/2
		Code defining the characteristic of a level in a hierarchical st	ructure	
		O Order		

<b>PRF</b> Purchase Order Reference
020
HL Mandatory
Detail
Mandatory
1
To provide reference to a specific purchase order

		Data Element Summary		
Ref.	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
PRF01	324	Purchase Order Number	Μ	AN 1/22
		Identifying number for Purchase Order assigned by the orde	rer/purcl	naser
PRF04	373	Date	Μ	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.	Data			
Des.	Element	Name	<u>Attrib</u>	<u>utes</u>
HL01	628	Hierarchical ID Number	Μ	AN 1/12
		A unique number assigned by the sender to identify a particular	cular dat	a segment
		in a hierarchical structure		
HL03	735	Hierarchical Level Code	Μ	ID 1/2
		Code defining the characteristic of a level in a hierarchical st	ructure	
		I Item		

Segment:	<b>PO1</b> 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

		Duta Element Summary		
Ref.	Data			
Des.	Element	<u>Name</u> <u>Attributes</u>		
PO101	350	Assigned Identification	Μ	AN 1/20
		Alphanumeric characters assigned for differentiation within a	transac	tion set
PO102	330	Quantity Ordered	Μ	R 1/15
		Quantity ordered		
PO103	355	Unit or Basis for Measurement Code	Μ	ID 2/2
		Code specifying the units in which a value is being expressed which a measurement has been taken EA Each	l, or ma	nner in
PO104	212	Unit Price	Μ	R 1/17
		Price per unit of product, service, commodity, etc.		
PO106	235	Product/Service ID Qualifier	Μ	ID 2/2
		Code identifying the type/source of the descriptive number us Product/Service ID (234)	sed in	
		UP U.P.C. Consumer Package Code (	1-5-5-1	)
PO107	234	Product/Service ID	Μ	AN 1/48
		Identifying number for a product or service		

210 ISR Detail Mandator	Mandatory			
Detail	-			
Mandato				
	ry			
1				
Only po	pulate the ISRU	J2 If the ISRUT IS $\_CC\_$ or $\_ED\_$ .		
	Data	Element Summary		
	<b>N</b> .7		<b></b>	
		lar Status Cada		<u>utes</u> ID 2/2
300	•			
			-	•
		veen me quantity ordered and me quantity	shipped for	a mie nem
	CC	Shipment Complete on (Date)		
	DS	Out Of Stock Condition		
	ED	Expect to Ship By (Date)		
	IC	Item Canceled		
373	Date		С	DT 8/8
	Date expressed	d as CCYYMMDD		
641	Status Reason	ı Code	Μ	ID 3/3
	Code indicatir	ng the status reason		
	D50	Delayed		
	NOR	Normal		
		A code indicating that health so	creening res	sults for a
		student were in the expected ra		
	W01	•	ange of find	
	Only po Data Element 368 373	Only populate the ISRO Data Data Element Name 368 Shipment/Ord Code indicatin difference betw or transaction CC DS ED IC 373 Date Date expressed 641 Status Reason Code indicatin D50	Element       Name         368       Shipment/Order Status Code         Code indicating the status of an order or shipment or the difference between the quantity ordered and the quantity or transaction         CC       Shipment Complete on (Date)         DS       Out Of Stock Condition         ED       Expect to Ship By (Date)         IC       Item Canceled         373       Date         Date expressed as CCYYMMDD         641       Status Reason Code         Code indicating the status reason         D50       Delayed	Only populate the ISR02 if the ISR01 is "_CC"_ or "_ED"         Data Element Summary         Data         Attrib         Solution of the term of term of the term of

Used

Segment:	<b>CTT</b> 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

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

# **SE** Transaction Set Trailer

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.	Data				
Des.	Element	Name	<u>Attributes</u>		
SE01	96	Number of Included Segments	Μ	N0	1/10
		Total number of segments included in a transaction set inc	luding S	ST an	d SE
		segments			
SE02	329	Transaction Set Control Number	Μ	AN	[ 4/9
Identifying control number that must be unique within the transaction functional group assigned by the originator for a transaction set				n set	