



# 850 Purchase Order

## Outbound

X12/V4010/850

**Version: 2.9**

### Revision History

Date	Version	Revision	Approved By
February 11, 2010	2.0	Add new B&H warehouse in N1 segment; Removed SDQ segment	Mark Raymon
June 11 2010	2.1	Changes highlighted in BLUE	Mark Raymon
August 30, 2010	2.2	Add PID under SLN - Changes highlighted in BLUE	Mark Raymon
March 4, 2011	2.3	Changed SAC07 from N2 to 'R'	Yaakov Rotbart
November 16, 2015	2.4	Add BLAUVELT warehouse ship to location	Mark Raymon
February 27 2017	2.5	Add NJF warehouse ship to location	Mark Raymon
November 24, 2021	2.6	Add NJA warehouse ship to location	Mark Raymon
August 15, 2022	2.7	Add RLC & NJA and remove NAVY, 77, and Blaue warehouses	Mark Raymon
March 5, 2024	2.8	Cleanup / Formatting / Examples	John Burmeister
July 30 2024	2.9	Add qualifier EN to PO1	Mark Raymon

# 850 Purchase Order

Functional Group ID=PO

## Introduction:

This Standard 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. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>
000	ISA	Interchange Control Header	M	1	
000	GS	Functional Group Header	M	1	
010	ST	Transaction Set Header	M	1	
020	BEG	Beginning Segment for Purchase Order	M	1	
040	CUR	Currency	O	1	
050	REF	Reference Identification	M	>1	
060	PER	Administrative Communications Contact	O	1	
090	CSH	Sales Requirements	M	1	
120	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
130	ITD	Terms of Sale/Deferred Terms of Sale	M	1	
150	DTM	Date/Time Reference	O	1	
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1	
		LOOP ID - N9			>1
295	N9	Reference Identification	O	1	
300	MSG	Message Text	O	1	
		LOOP ID - N1			2
310	N1	Name	M	1	
320	N2	Additional Name Information	O	1	
330	N3	Address Information	O	1	
340	N4	Geographic Location	O	1	

## Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>
		LOOP ID - PO1			>1
010	PO1	Baseline Item Data	M	1	
050	PID	Product / Item Description	O	1	
		LOOP ID - SAC			>1
130	SAC	Service, Promotion, Allowance Information	O	1	
210	DTM	Date / Time Reference	O	1	
		LOOP ID - MSG			>1
289	MSG	Message Text	O	1	
		LOOP ID - SLN			1000
470	SLN	Sub-line Item Data	O	1	
490	PID	Product / Item Description	O	1	

## **Summary:**

<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max.Use</b>	<b>Loop Repeat</b>
010	CTT	Transaction Totals	M	1	
020	SE	Transaction Set Trailer	M	1	
000	GE	Functional Group Trailer	M	1	
000	IEA	Interchange Control Trailer	M	1	

**Segment:** **ISA** Interchange Control Header  
**Position:** 000  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To start and identify an interchange of one or more functional groups and interchange related control segments.  
**Notes:** Data Element Separator: '^', Sub Element Separator: '>', Segment Terminator: '~'

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Description</u>	<u>M</u> <u>ID</u>
ISA01	I01	Authorization Information Qualifier 00 No Authorization Information Present	M ID 2/2
ISA02	I02	Authorization Information	M AN 10/10
ISA03	I03	Security Information Qualifier 00 No Security Information Present	M ID 2/2
ISA04	I04	Security Information	M AN 10/10
ISA05	I05	Interchange ID Qualifier	M ID 2/2
ISA06	I06	Interchange Sender's ID 116012659 B&H production ID	M AN 15/15
ISA07	I05	Interchange ID Qualifier 01 B&H production qualifier	M ID 2/2
ISA08	I07	Interchange Receiver's ID	M AN 15/15
ISA09	I08	Interchange Date	M DT 6/6
ISA10	I09	Interchange Time	M TM 4/4
ISA11	I10	Interchange Control Standards Identifier U U.S. EDI Community of ASC X12, TDCC, and UCS	M ID 1/1
ISA12	I11	Interchange Control Version Number 00410 Release 4010	M ID 5/5
ISA13	I12	Interchange Control Number A control number assigned by the interchange sender	M NO 9/9
ISA14	I13	Acknowledgement Requested Code sent by the sender to request an interchange acknowledgement 0	M ID 1/1
ISA15	I14	Test Indicator T Test Data P Production Data	M ID 1/1
ISA16	I15	Component (Sub) Element Separator > Delimiter used as Component Element Separator	M AN 1/1

#### EXAMPLE: outbound

```
ISA^00^    ^00^    01^116012659T  ^ZZ^THEIR
^061009^0759^U^00401^00000001^0^T^>
```

**Segment:** **GS** Functional Group Header  
**Position:** 000  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of a functional group and to provide control information.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Functional Identifier Code</u>	<u>M ID 2/2</u>
GS01	479	PO Purchase Order	
GS02	142	Application Sender's Code	M AN 2/15
GS03	124	Application Receiver's Code	M AN 2/15
GS04	29	Data Interchange Date	M DT 8/8
GS05	30	Data Interchange Time	M TM 4/4
GS06	28	Data Interchange Control Number	M NO 1/9
GS07	455	Responsible Agency Code	M ID 1/2
		Code used in conjunction with data Element 480 to identify the issuer of the standard.	
GS08	480	Version/Release/Industry Identifier Code	M AN 1/12

**EXAMPLE:** GS^PO^116012659T^THEIR^20061009^0759^1^X^004010~

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

**EXAMPLE:** ST^850^0001~

**Segment:** **BEG** Beginning Segment for Purchase Order  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Data Element Summary				
<u>Ref.</u>	<u>Data Des.</u>	<u>Name</u>	<u>Attributes</u>	
		<b>Transaction Set Purpose Code</b>		
<b>BEG01</b>	353	Code identifying purpose of transaction set		<b>M ID 2/2</b>
		00                Original		
		05                Replace		
<b>BEG02</b>	92	<b>Purchase Order Type Code</b>		<b>M ID 2/2</b>
		Valid Codes:		
		DS                Drop Ship		
		SA                Stand Alone		
<b>BEG03</b>	324	<b>Purchase Order Number</b>		<b>M AN 1/22</b>
		B & H Purchase Order Number		
<b>BEG05</b>	373	<b>Date</b>		<b>M DT 8/8</b>
		Date expressed as CCYYMMDD		

**EXAMPLE:** BEG^00^SA^YG060306333^^20060308~

**Segment:** **CUR** Currency  
**Position:** 040  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the currency used in a transaction

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>			<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
CUR01	98	Entity Identifier Code		M ID 2/3
		PE	Payee	
CUR02	100	Currency Code		M ID 3/3
			Standard ISO Code for country in whose currency the charges are specified r	

**EXAMPLE:** CUR^PE^USD~

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

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Reference Identification Qualifier</u>	<u>M</u> <u>ID</u> 2/2
REF01	128	CO Customer Order Number IA Internal Vendor Number IL Internal Order Number OQ Sales Order Number A5 Educational Institution ID TC Vendor Terms:	
REF02	127	<b>Reference Identification Description</b> Reference information as specified by Reference Identification Qualifier Used when REF01 is TC BP Paid by Buyer CC Collect CD Collect on Delivery PC Prepaid – Charge Customer PP Prepaid – Charge Vendor PU Pickup	C AN 1/30
REF03	352	<b>Description</b> A free-format description to clarify the related data elements and their content	O AN 1/80

**EXAMPLE:** **REF^CO^WW200~**  
**REF^IA^ABC~**  
**REF^IL^00000328570~**  
**REF^OQ^SO0000001819~**  
**REF^TC^PP^Vendor Pays Freight Charge~**

**Segment:** **PER** Administrative Communications Contact  
**Position:** 060  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed

#### Data Element Summary

<u>Ref.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
<b>PER01</b>	<b>366</b>	<b>Contact Function Code</b>	<b>M ID 2/2</b>
		BD Buyer Name or Department	
		OC Order Contact	
		SM Submitter	
<b>PER02</b>	<b>93</b>	<b>Description</b>	<b>AN 1/60</b>
		Free Format Name	
<b>PER03</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>O ID 2/2</b>
		TE Telephone	
<b>PER04</b>	<b>364</b>	<b>Communication Number</b>	<b>O AN 1/80</b>
<b>PER05</b>	<b>365</b>	<b>E-mail Address qualifier</b>	<b>O ID 2/2</b>
		EM E-mail address	
<b>PER06</b>	<b>364</b>	<b>Communication number</b>	<b>O ID 1/80</b>
		TE Telephone	

**EXAMPLE:** PER^BD^YEHUDAH GOLDSTEIN (#2618)^TE^(212)239-  
 7500^EM^ygoldstein@bhphoto.com~  
 PER^OC^JOHN DOE^TE^(212)123-4567^EM^johndoe@bhphoto.com~

**Segment:** **CSH** Sales Requirements  
**Position:** 110  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify general conditions or requirements of the sale  
**Comments:** Either CSH segment or DTM segment will be transmitted.

Data Element Summary				
Ref.	Data			<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>		O ID 2/2
CSH01	563	Sales Require Code	P2	Ship As Soon As Possible

**EXAMPLE:** CSH^P2~

**Segment:** **SAC** Service, Promotion, Allowance, or Charge Information  
**Position:** 120  
**Loop:** SAC Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount of percentage for the service, promotion, allowance, or charge  
**Note:** If SAC07 is present, SAC06 is required.

Data Element Summary					
Ref.	Data				Attributes
Des.	Element	Name			M ID 1/1
SAC01	248	Allowance or Charge Indicator			
		A	Allowance		
		C	Charge		
SAC02	1300	Service, Promotion, Allowance, or Charge Code			O ID 4/4
		C310	Discount		
		F050	Miscellaneous Charge		
		H			
SAC05	610	Amount			O N2 1/15
SAC06	378	Allowance / Charge Percent Qualifier			C ID 1/1
		3	Discount / Gross		
SAC07	332	Percent			O R 1/6
SAC12	331	Handling Code			O ID 2/2
		02	Off Invoice		
		06	Charge to be paid by Customer		
		08	Off Gross Quantity		
		15	Information only		
SAC15	352	Description			O AN 1/80

**EXAMPLE:** **SAC^C^F050^^^10000^^^^^06^PRICE CHANGE~**  
**SAC\*A\*C310\*\*\*516\*3\*4\*\*\*\*\*02\*\*\*PERCENTAGE DFI**  
**SAC^A^C310^^^443^3^1^^^^^15^^^PERCENTAGE REBATE~**

**Segment:** **ITD** Terms of Sale / Deferred Terms of Sale  
**Position:** 130  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** >1  
**Purpose:** To specify terms of sale

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
ITD03		<b>Terms Discount Percent</b>	O R 1/6
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date. The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as 10.5, and 2% is sent as 2.	
ITD05		<b>Terms Discount Days Due</b>	C R 1/3
		Number of days in the terms discount period by which payment is due if terms discount is earned..	
ITD12	352	<b>Free form Description</b>	M AN 1/80
ITD13	765	<b>Day of Month</b>	C N0 1/2
		The numeric value of the day of the month between 1 and the maximum day of the month being referenced	
ITD14	107	<b>Payment Method Code</b>	O ID 2/2
		AB Cash	
		AC Credit Card	
		C Check	
		T Wire Transfer	

**EXAMPLE:** ITD^^^2^^30^^^^^30 DAYS^10^C~

**Segment:** **DTM** Date / Time Reference  
**Position:** 150  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Comments:** Either CSH segment or DTM segment will be transmitted.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>			<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
DTM01	374	Date/Time Qualifier		M ID 3/3
		010	Requested Ship	
DTM02	373	Date	Expressed as CCYYMMDD	O DT 8/8

EXAMPLE: DTM^010^20050401~

**Segment:** **TD5** Carrier Details  
**Position:** 250  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify Carrier Details

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>			<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
TD502	66	ID Code Qualifier		C AN 1/2
		02	SCAC	
TD503	67	SCAC – Standard Carrier Alpha Code		C AN 2/80
TD505	387	Routing		O AN 1/35

**EXAMPLE:** TD5^^02^UPSN^UPS SECOND DAY~

**Segment:** **N9** Carrier Details  
**Position:** 295  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>			<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>ID</u>
N901	128	Reference Identification Qualifier	ZZ	Mutually Defined
N903	369	Free Form Description		O AN 1/45

“SPECIAL INSTRUCTIONS”

**EXAMPLE:** N9^ZZ^^SPECIAL INSTRUCTIONS~

**Segment:** **MSG** Message Text  
**Position:** 300  
**Loop:** N9  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To provide a free-form form that allows the transmission of text information

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
MSG01	933	Free-Form Message Text	M AN 1/264

**EXAMPLE:** **MSG^ALL DELIVERIES OVER 20 CARTONS MUST BE DELIVERED BY TRUCK~**

**Segment:** **N1** Name  
**Position:** 230  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Comments:** 1. The following are valid values for N104: NJF  
 Direct  
 420  
 NJA \*Added 11/24/21  
**RLC Added 08/11/22**

To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. \*\*  
 N104 is mandatory when/if N101 = ST

#### Data Element Summary

<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
<b>Des.</b>	<b>Element</b>	<b>Name</b>	<b>M ID 2/3</b>
N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual BT Bill To ST Ship To	
N102	93	<b>Name</b> Free-form name	X AN 1/35
N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer	X ID 1/2
N104	67	<b>Identification Code</b> Code identifying a party or other code	X AN 2/20
N106	98	<b>Entity Identifier Code</b> Code identifying a party or other code	X AN 2/3

**EXAMPLE:** N1^BT^B&H PHOTO-VIDEO,PRO AUDIO,INC.^  
 N1^ST^B&H PHOTO – VIDEO, INC.^92^RLC~  
 N1^ST^B&H PHOTO – VIDEO, INC.^92^NJF~  
 N1^ST^JOHN DOE^92^DIRECT~

\*\* PLEASE MAINTAIN THE FOLLOWING SHIP TO LOCATIONS:

1. NJF =  
 B&H PHOTO - VIDEO, INC.  
 400 Cedar Lane  
 Florence, NJ 08518
2. 420 =  
 B&H PHOTO - VIDEO, INC.  
 349 WEST 33RD STREET  
 NEW YORK, NY 10001
3. Direct = Drop ship directly to customer
4. NJA =  
 B&H PHOTO - VIDEO, INC.

6851 RIVER ROAD  
PENNSAUKEN, NJ 08110

5. RLC =  
B&H Photo Video  
290 Daniels Way  
Burlington, NJ 08518

**Segment: N2 Additional Name Information**

**Position:** 320  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
<b>Des.</b>	<b>Element</b>	<b>Name</b>	
N201	93	Name	M AN 1/60
N202	93	Name	O AN 1/60

**EXAMPLE:** N2^DBA COMPANY ABC^ELECTRONICS DIVISION~

**Segment:** **N3** Address Information  
**Position:** 330  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party

#### Data Element Summary

Ref.	Data		<u>Attributes</u>
Des.	Element	Name	
N301	166	Address Information	M AN 1/55
N302	166	Address Information	O AN 1/55

EXAMPLE: N3^400 CEDAR LANE~

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

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
N401	19	City Name	M AN 2/30
N402	156	State	M ID 2/2
N403	116	Postal Code	M ID 3/15
N404	26	Country Code	M AN 3/3

EXAMPLE: N4^FLORENCE^NJ^08518^USA~

**Segment:** **PO1** Baseline Item Data Segment for Purchase Order  
**Position:** 010  
**Loop:** PO1  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 100000  
**Purpose:** To specify basic and most frequently used line item data

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PO101	350	Assigned Identification	O AN 1/20
PO102	330	Quantity Ordered	M R 1/15
PO103	355	Unit or Basis for Measurement Code	O ID 2/2
		EA Each	
		KT Kit	
PO104	212	Unit Price	M R 1/17
PO105	639	Basis of Unit Price Code	M ID 2/2
		QT Quoted	
PO106	235	Product/Service ID Qualifier	C ID 2/2
		SK SKU Number	
PO107	234	Product/Service ID	C AN 1/48
		B&H SKU Number	
PO108	235	Product/Service ID Qualifier	X ID 2/2
		VA Vendor's Item Number	
PO109	234	Product/Service ID	X AN 1/48
		Vendor's Item Number	
PO110	235	Product/Service ID Qualifier	X ID 2/2
		EN EAN code (Europe) Added 7/30/24	
		UP UPC consumer package code(1-5-5-1)	
PO111	234	Product/Service ID	X AN 1/48
		Vendor's Item Number	

**EXAMPLE:** P01^001^100^EA^4.50^QT^SK^VPUPP46100^VA^V5124~  
**PO1**^3^2^EA^283.51^QT^SK^NEJGS524FNA^VA^JGS524FNA^UP^606449040753~  
**PO1**^1^4^EA^129.38^QT^SK^FICH19530WHT^VA^CH19530WHT^EN^0711745323667

**Segment:** **PID** Product / Item Description  
**Position:** 050  
**Loop:** PO1 / PID  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To describe a product or process in coded or free-form format

#### Data Element Summary

Ref.	Data			<b>Attributes</b>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Type</u>	
PID01	349	Item Description	F	Free-form Description M ID 1/1
PID05	352	Description		C AN 1/80

EXAMPLE: PID^F^^^^WRITE ON TOP-LD SLIDE PG 2X2/2~

**Segment:** **SAC** Service, Promotion, Allowance, or Charge Information  
**Position:** 130  
**Loop:** SAC Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount of percentage for the service, promotion, allowance, or charge  
**Note:** If SAC07 is present, SAC06 is required.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u> <u>1/1</u>
SAC01	248	<b>Allowance or Charge Indicator</b>	
		A                      Allowance	
		C                      Charge	
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	O   ID   4/4
		C310                  Discount	
		F050                  Miscellaneous Charge	
SAC05	610	<b>Amount</b>	O   N2   1/15
SAC06	378	<b>Allowance / Charge Percent Qualifier</b>	C   ID   1/1
		3                      Discount / Gross	
SAC07	332	<b>Percent</b>	O   R   1/6
SAC12	331	<b>Handling Code</b>	O   ID   2/2
		02                    Off Invoice	
		06                    Charge to be paid by Customer	
		08                    Off gross quantity	
		15                    Information only	
SAC15	352	<b>Description</b>	O   AN   1/80

**EXAMPLE:**   SAC^A^C310^^^100^^^^^02^DOLLAR DFI~  
SAC^A^C310^^^17^3^100^^^^^02^PERCENTAGE DFI~  
**SAC****A****C310****443****3****1****15****PERCENTAGE REBATE**~

**Segment:** **DTM** Date / Time Reference  
**Position:** 150  
**Loop:**  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Comments:** DTM segment will be transmitted when items have different ship dates.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>			<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Qualifier</u>	
DTM01	374	Date/Time Qualifier	010	Requested Ship
DTM02	373	Date	Expressed as CCYYMMDD	O DT 8/8

EXAMPLE: DTM^010^20050401~

**Segment:** **MSG** Message Text  
**Position:** 289  
**Loop:** PO1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To provide a free-form form that allows the transmission of text information

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
MSG01	933	Free-Form Message Text	M AN 1/264

**EXAMPLE:** MSG^THIS IS A DETAIL MESSAGE~

**Segment:** **SLN** Baseline Item Data Segment for Purchase Order  
**Position:** 470  
**Loop:** PO1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify product sub-line detail item data

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
SLN01	350	Assigned Identification	M AN 1/20
SLN03	662	Relationship Code	M ID 1/1
	I	Included	
SLN04	380	Quantity	M R 1/15
SLN05	212	Unit or Basis of Measurement Code	M ID 2/2
	EA	Each	
SLN09	235	Product/Service ID Qualifier	C ID 2/2
	SK	SKU Number	
SLN10	234	Product/Service ID	C AN 1/48
	B&H SKU Number		
SLN11	235	Product/Service ID Qualifier	C ID 2/2
	VA	Vendor's Item Number	
SLN12	234	Product/Service ID	C AN 1/48
	Vendor's Item Number		
SLN13	235	Product/Service ID Qualifier	C ID 2/2
	UP	UPC Consumer package code	
SLN14	234	Product/Service ID	C AN 1/48
	Vendor's Item Number		

EXAMPLE: SLN^001^^I^100^EA^^^^SK^VPUPP46100^VA^V5124~

**Segment:** **PID** Product / Item Description  
**Position:** 490  
**Loop:** SLN / PID  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To describe a product or process in coded or free-form format

#### Data Element Summary

Ref.	Data			<b>Attributes</b>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Type</u>	
PID01	349	Item Description	F	Free-form Description M ID 1/1
PID05	352	Description		C AN 1/80

EXAMPLE: PID^F^^^^WRITE ON TOP-LD SLIDE PG 2X2/2~

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

<b>Data Element Summary</b>				
<b>Ref.</b>	<b>Data</b>			<b>Attributes</b>
<b>Des.</b>	<b>Element</b>	<b>Name</b>		<b>M N0 1/6</b>
CTT01	354	<b>Number of Line Items</b>	Total number of line items in the transaction set	
CTT02	347	<b>Hash Total</b>	Sum of values of the PO102 data elements	<b>O R 1/10</b>

**EXAMPLE:** CTT^5^100~

**Segment:** **AMT** Transaction Totals  
**Position:** 020  
**Loop:** CTT  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount

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

**EXAMPLE:** AMT^TT^1008642~

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

**EXAMPLE:** SE^850^0001~

**Segment:** **GE** Functional Group Trailer  
**Position:** 000  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of a functional group and to provide control information.

Data Element Summary				
Ref.	Data	Name		Attributes
Des.	Element			M NO 1/6
GE01	97	<b>Number of Transaction Sets Included</b>	Total number of transaction sets in functional group.	
GE02	28	<b>Group Control Number</b>	This value must be identical to the data element value in GS06 in the associated functional group header.	M NO 1/9

**EXAMPLE:** GE^46^1~

**Segment:** **IEA** Interchange Control Trailer  
**Position:** 000  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To define the end of one or more functional groups and interchange-related control segments.

#### Data Element Summary

<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
<b>Des.</b>	<b>Element</b>	<b>Name</b>	
<b>IEA01</b>	479	<b>Functional Identifier Code</b>	<b>M NO 1/5</b>
		A count of the number of functional groups included in an interchange.	
<b>IEA02</b>	142	<b>Interchange Control Number</b>	<b>M NO 1/9</b>
		This value must be identical to the data element value in ISA13 in the associated interchange control header.	

**EXAMPLE:** IEA^1^00000001~