



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. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
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. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
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:

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

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			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
GS01	479	Functional Identifier Code	M ID 2/2
		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			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		850 Purchase Order	
ST02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set	
		functional group assigned by the originator for a transaction set	

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

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>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</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>		
REF01	128	Reference Identification Qualifier	M ID 2/2
		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	Reference Identification Description	C AN 1/30
		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	
REF03	352	Description	O AN 1/80
		A free-format description to clarify the related data elements and their content	

EXAMPLE: REF^CO^WW200~
 REF^IA^ABC~
 REF^IL^000000328570~
 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</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PER01	366	Contact Function Code	M ID 2/2
		BD Buyer Name or Department	
		OC Order Contact	
		SM Submitter	
PER02	93	Description	AN 1/60
		Free Format Name	
PER03	365	Communication Number Qualifier	O ID 2/2
		TE Telephone	
PER04	364	Communication Number	O AN 1/80
PER05	365	E-mail Address qualifier	O ID 2/2
		EM E-mail address	
PER06	364	Communication number	O ID 1/80
		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>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
CSH01	563	Sales Require Code	O ID 2/2
		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		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
SAC01	248	Allowance or Charge Indicator	M ID 1/1
		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				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
ITD03		Terms Discount Percent	O	R 1/6
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date. 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		Terms Discount Days Due	C	R 1/3
		Number of days in the terms discount period by which payment is due if terms discount is earned..		
ITD12	352	Free form Description	M	AN 1/80
ITD13	765	Day of Month	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	Payment Method Code	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			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</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			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</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>Name</u>	<u>Attributes</u>
N901	128	Reference Identification Qualifier	M ID 2/3
		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

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

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			
Ref.	Data		<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
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>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
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			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</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			
Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</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

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PID01	349	Item Description Type	M ID 1/1
		F Free-form Description	
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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
SAC01	248	Allowance or Charge Indicator	M ID 1/1
		A Allowance	
		C Charge	
SAC02	1300	Service, Promotion, Allowance, or Charge Code	O ID 4/4
		C310 Discount	
		F050 Miscellaneous Charge	
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^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			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</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: **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

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</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	Name	Attributes
<u>Des.</u>	<u>Element</u>		
PID01	349	Item Description Type	M ID 1/1
		F Free-form Description	
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

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

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		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
AMT01	522	Amount Qualifier Code	M ID 1/3
		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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

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

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 an one or more functional groups and interchange-related control segments.

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

EXAMPLE: IEA^1^000000001~