

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:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BCH	Beginning Segment for Purchase Order Change	M	1		
	050	REF	Reference Identification	O	>1		
	060	PER	Administrative Communications Contact	O	3		
	080	FOB	F.O.B. Related Instructions	O	>1		
						LOOP ID - SAC	25
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
	150	DTM	Date/Time Reference	O	10		
						LOOP ID - N9	1000
	285	N9	Reference Identification	O	1		
	290	MSG	Message Text	O	1000		
						LOOP ID - N1	200
	300	N1	Name	O	1		
	310	N2	Additional Name Information	O	2		
	320	N3	Address Information	O	2		
	330	N4	Geographic Location	O	>1		
	340	REF	Reference Identification	O	12		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID - POC	>1
	010	POC	Line Item Change	O	1		
						LOOP ID - PID	1000
	050	PID	Product/Item Description	O	1		
	090	PO4	Item Physical Details	O	>1		
	100	REF	Reference Identification	O	>1		

		LOOP ID - SAC			25
130	SAC	Service, Promotion, Allowance, or Charge Information	O		1
		LOOP ID - SLN			1000
460	SLN	Subline Item Detail	O		1
		LOOP ID - N9			>1
523	N9	Reference Identification	O		1
525	MSG	Message Text	O		>1

Summary:

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

Transaction Set Notes

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

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Comments:
Notes: Example:
 ST*860*0001

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 860 Purchase Order Change Request - Buyer Initiated	M ID 3/3
M	ST02	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

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

Syntax Notes:

Comments:

Notes:

Example:

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BCH*01*SA*6301120821***20030917
BCH*04*SA*6301121386***20030911*****20030911
BCH*04*SA*7302121386***20030911*****20030911
BCH*04*ZZ*0091121275***20030911*****20030911
```

Data Element Summary

Ref.	Data Element	Name	Attributes
M	BCH01	353 Transaction Set Purpose Code	M ID 2/2
		Code identifying purpose of transaction set	
		01 Cancellation	
		04 Change	
M	BCH02	92 Purchase Order Type Code	M ID 2/2
		Code specifying the type of Purchase Order	
		SA Stand-alone Order	
		Toys 'R' Us uses SA Type code when the PO is Distributed	
		ZZ Mutually Defined	
		Toys 'R' Us uses ZZ Type code when the PO is Bulk (Undistributed)) or when the PO is a Domestic Contract Order	
M	BCH03	324 Purchase Order Number	M AN 1/22
		Identifying number for Purchase Order assigned by the orderer/purchaser	
		PO number is 10 positions. Position 1-4 is the Location number and 5 -10 is the PO number	
		Eg. Import Bulk PO Number 9101123456 where 9101 is the 4-position dummy Distribution center code and 123456 is the 6-position PO number.	
		Eg. Domestic Contract PO Number 0091123456 where 0091 is the 4-position dummy Distribution center code and 123456 is the 6-position PO number.	
		Eg. Distributed PO Number 6301123456 where 6301 is the 4-position Distribution center code 123456 is the 6-position PO number.	
		Eg. Distributed PO Number 7302123456 where 7302 is the 4-position Store Number 123456 is the 6-position PO number.	
M	BCH06	373 Date	M DT 8/8
		Date expressed as CCYYMMDD	
		Original PO date	
	BCH11	373 Date	O DT 8/8

Date expressed as CCYYMMDD

This is the Order Change date

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

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Comments:

Notes:

Example:
REF*AE*IMPORT TERMS*LETTER OF CREDIT
REF*CR*12121 ABC LOGISTICS*THIS PO WILL BE DISTRIBUTED OVERSEAS
REF*IA*23232

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		AE Authorization for Expense (AFE) Number	
		CR Customer Reference Number	
		IA Internal Vendor Number	
		WU Vessel	
	REF02	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		When REF01 ='AE' then REF02 is Import Terms. Used only for Import PO's (Consolidator / Deconsolidator)	
		When REF01 ='CR' then REF02 is Consolidator/ Deconsolidator Number and Name who is to do the Distribution. Used only for Import PO's (Consolidator / Deconsolidator)	
		When REF01 ='IA' then REF02 is Toys 'R' Us Vendor Number	
		When REF01 ='WU' then REF02 is Distribution Vessel Name (This information will be communicated only to CERTAIN Trading Partners)	
	REF03	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		When REF01 ='AE' then REF03 is the import terms description	
		When REF01 ='CR' then REF03 is the distribution description	

Segment: **PER** Administrative Communications Contact
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:
1 If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.

Comments:
Notes: Information will be transmitted only for Domestic PO's.

Example:
 PER*BD*BUYER NAME*TE*9998887777

Data Element Summary

Ref.	Data Element	Name	Attributes
M	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		BD Buyer Name or Department	
		CR Customer Relations	
		SR Sales Representative or Department	
	PER02	93 Name	O AN 1/60
		Free-form name	
	PER03	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		TE Telephone	
	PER04	364 Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	

Segment: **FOB** F.O.B. Related Instructions
Position: 080
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify transportation instructions relating to shipment
Syntax Notes:

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

Comments:

Notes:

Example:
 FOB*PP*CI*BOLINGBROOK IL 60000
 FOB*FO (Import PO change)

Data Element Summary

Ref.	Data Element	Name	Attributes
M	FOB01 146	Shipment Method of Payment Code identifying payment terms for transportation charges CC Collect CF Collect, Freight Credited Back to Customer FO FOB Port of Call PP Prepaid (by Seller)	M ID 2/2
	FOB02 309	Location Qualifier Code identifying type of location CI City DE Destination (Shipping) OR Origin (Shipping Point) PL Plant	X ID 1/2
	FOB03 352	Description A free-form description to clarify the related data elements and their content	O AN 1/80

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

Syntax Notes:

- 1 At least one of SAC02 or SAC03 is required.
- 2 If either SAC03 or SAC04 is present, then the other is required.
- 3 If either SAC06 or SAC07 is present, then the other is required.
- 4 If either SAC09 or SAC10 is present, then the other is required.
- 5 If SAC11 is present, then SAC10 is required.
- 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
- 7 If SAC14 is present, then SAC13 is required.
- 8 If SAC16 is present, then SAC15 is required.

Comments:

- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
- 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: Information will be transmitted only for Domestic PO's.

Example:
SAC*A*F780****3*5*****02***5 PERCENT

Data Element Summary

Ref.	Data Element	Name	Attributes
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		C Charge	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		F780 Proforma Invoice	
	SAC05	610 Amount	O N2 1/15
		Monetary amount	
	SAC06	378 Allowance/Charge Percent Qualifier	X ID 1/1
		Code indicating on what basis allowance or charge percent is calculated	
		3 Discount/Gross	
	SAC07	332 Percent	X R 1/6
		Percent expressed as a percent	
	SAC08	118 Rate	O R 1/9
		Rate expressed in the standard monetary denomination for the currency specified	
	SAC09	355 Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

	EA	Each		
SAC10	380	Quantity	X	R 1/15
		Numeric value of quantity		
SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
		Code indicating method of handling for an allowance or charge		
		02 Off Invoice		
SAC13	127	Reference Identification	X	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
SAC15	352	Description	X	AN 1/80
		A free-form description to clarify the related data elements and their content		

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify terms of sale
Syntax Notes: 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Comments: 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.
Notes: Information will be transmitted only for Domestic PO's.

Example:
 ITD*01*3*1**10*****010DAYS

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
ITD01	336	Terms Type Code Code identifying type of payment terms 01 Basic	O ID 2/2
ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period 3 Invoice Date	O ID 1/2
ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O R 1/6
ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned expressed in format CCYYMMDD	X DT 8/8
ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned	X N0 1/3
ITD06	446	Terms Net Due Date Date when total invoice amount becomes due expressed in format CCYYMMDD	O DT 8/8
ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable)	O N0 1/3
ITD12	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80

Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Comments:

Notes:

Example:
DTM*193*20030914
DTM*194*20030920
DTM*037*20030904
DTM*001*20030910

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		001 Cancel After	
		037 Ship Not Before	
		193 Period Start	
		Earliest Date the Product should arrive at the Destination	
		194 Period End	
		Latest Date the Product should arrive at the Destination	
	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	

Segment: **N9** Reference Identification
Position: 285
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

Comments:
Notes: Example:
 N9*ZZ**PO CHANGE COMMENTS

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M N901	128	Reference Identification Qualifier Code qualifying the Reference Identification ZZ Mutually Defined	M ID 2/3
N903	369	Free-form Description Free-form descriptive text	X AN 1/45

Segment: **MSG** Message Text
Position: 290
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free-form format that allows the transmission of text information
Syntax Notes: 1 If MSG03 is present, then MSG02 is required.
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes: Example:
 MSG*CHANGES MADE TO THE ORDER

Data Element Summary

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

Segment: **N1** Name
Position: 300
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

Notes: Example:
 N1*BY*TOYS R US
 N1*ST*TOYS R US*9*643364720091
 N1*MF*ABC TOYS
 N1*SF*ABC TOYS
 N1*MF*FUNPLAY INC YNT*CM*TESTMID2144 (Import PO)

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
		BY	Buying Party (Purchaser)	
		MF	Manufacturer of Goods	
		SF	Ship From	
		ST	Ship To	
	N102	93	Name	X AN 1/60
			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)	
			When N101 is 'MF' then N103 will be the MID number qualifier 'CM' and N104 will be the MID number. The MID number will be transmitted only for Import PO's.	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		CM	U.S. Customs Service (USCS) Manufacturer Identifier (MID) An identification code for a manufacturer which is constructed according to U.S. Customs Service Directive 3500-13	
	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
			When N101 = "ST" then this code will be Toys 'R' Us Duns # + Toys 'R' Us Location # eg. 0643364725501 where 5501 is the Location #	

Segment: N2 Additional Name Information
Position: 310
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Comments:
Notes:

Example:
 N2*TRU PURCHASING DEPARTMENT

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	N201	93	Name Free-form name	M AN 1/60

Segment: **N3** Address Information
Position: 320
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Comments:
Notes:

Example:
 N3*1 GEOFFREY WAY

Data Element Summary

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

Segment: **N4** Geographic Location
Position: 330
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: Example:
 N4*WAYNE*NJ*07470

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	O ID 2/3
N405	309	Location Qualifier Code identifying type of location CA Country of Origin	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location	O AN 1/30

Segment: **REF** Reference Identification
Position: 340
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Comments:
Notes: Example:
 REF*4B*NGB (Import PO)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		Used only for Import PO's (Consolidator / Deconsolidator)	
		4B Shipment Origin Code	
REF02	127	Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		Port of Load	

Segment: **POC** Line Item Change
Position: 010
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify changes to a line item
Syntax Notes: 1 If POC03 is present, then both POC04 and POC05 are required.
 2 If POC07 is present, then POC06 is required.
 3 If either POC08 or POC09 is present, then the other is required.
 4 If either POC10 or POC11 is present, then the other is required.
 5 If either POC12 or POC13 is present, then the other is required.
 6 If either POC14 or POC15 is present, then the other is required.
 7 If either POC16 or POC17 is present, then the other is required.
 8 If either POC18 or POC19 is present, then the other is required.
 9 If either POC20 or POC21 is present, then the other is required.
 10 If either POC22 or POC23 is present, then the other is required.
 11 If either POC24 or POC25 is present, then the other is required.
 12 If either POC26 or POC27 is present, then the other is required.

Comments:

Notes:

Example:
 POC**RZ*100*100*EA*3.75**IT*871871*VA*AAA*UP*454545454524
 POC**RZ*200*200*EA*1.5**IT*873873*VA*HK1231*UP*276276276276*KB*99*C
 L*50*SZ*18IN

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	POC02	670 Change or Response Type Code Code specifying the type of change to the line item RZ Replace All Values Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set	M ID 2/2
	POC03	330 Quantity Ordered Quantity ordered	O R 1/15
	POC04	671 Quantity Left to Receive Quantity left to receive as qualified by the unit of measure Quantity Left to Receive will always be the same as the Quantity Ordered.	X R 1/9
	POC05	C001 Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
M	C00101	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	M ID 2/2
	POC06	212 Unit Price Price per unit of product, service, commodity, etc.	X R 1/17
	POC08	235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) IT Buyer's Style Number	X ID 2/2

POC09	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		Toys 'R' Us ITEM Number		
POC10	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VA Vendor's Style Number		
POC11	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		Vendor's Product Number		
POC12	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		UP U.P.C. Consumer Package Code (1-5-5-1)		
POC13	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		UPC with Check Digit		
POC14	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		KB Data Category Code		
POC15	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		Toys "R" Us Department Number		
POC16	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		CL Color		
POC17	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
POC18	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		SZ Vendor Alphanumeric Size Code (NRMA)		
POC19	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
POC20	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		SZ Vendor Alphanumeric Size Code (NRMA)		
POC21	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
POC22	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		RC Returnable Container Number		
POC23	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		This information will be communicated only to CERTAIN Trading Partners		

POC24	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		EN European Article Number (EAN) (2-5-5-1)		
POC25	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		

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
Syntax Notes:

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Comments:

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

Notes: Example:
 PID*F****HOKEY POKEY

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349 Item Description Type	M ID 1/1
		Code indicating the format of a description	
		F Free-form	
	PID05	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: **PO4** Item Physical Details
Position: 090
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:

- 1 If either PO402 or PO403 is present, then the other is required.
- 2 If PO405 is present, then PO406 is required.
- 3 If either PO406 or PO407 is present, then the other is required.
- 4 If either PO408 or PO409 is present, then the other is required.
- 5 If PO410 is present, then PO413 is required.
- 6 If PO411 is present, then PO413 is required.
- 7 If PO412 is present, then PO413 is required.
- 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
- 9 If PO417 is present, then PO416 is required.
- 10 If PO418 is present, then PO404 is required.

Comments:

- 1 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
- 2 PO413 defines the unit of measure for PO410, PO411, and PO412.

Notes: Example:
 PO4*12*****13*LB*1.7*CF
 PO4*4*****5*LB*1*CF*****2

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
PO401	356	Pack	O N0 1/6
		The number of inner containers, or number of eaches if there are no inner containers, per outer container	
PO406	384	Gross Weight per Pack	X R 1/9
		Numeric value of gross weight per pack	
PO407	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		LB Pound	
PO408	385	Gross Volume per Pack	X R 1/9
		Numeric value of gross volume per pack	
PO409	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		CF Cubic Feet	
PO414	810	Inner Pack	O N0 1/6
		The number of eaches per inner container	

Segment: **REF** Reference Identification
Position: 100
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Comments:
Notes: Example:
 REF*BN*BK987987 (Import PO)

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	REF01 128	Reference Identification Qualifier Code qualifying the Reference Identification Used only for Import PO's (Consolidator / Deconsolidator)	M ID 2/3
		BN Booking Number	
	REF02 127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 130
Loop: SAC Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Syntax Notes:

- 1 At least one of SAC02 or SAC03 is required.
- 2 If either SAC03 or SAC04 is present, then the other is required.
- 3 If either SAC06 or SAC07 is present, then the other is required.
- 4 If either SAC09 or SAC10 is present, then the other is required.
- 5 If SAC11 is present, then SAC10 is required.
- 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
- 7 If SAC14 is present, then SAC13 is required.
- 8 If SAC16 is present, then SAC15 is required.

Comments:

- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
- 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: Information will be transmitted only for Domestic PO's.
 Example:
 SAC*A*F780****3*5*****02***OTH

Data Element Summary

Ref.	Data Element	Name	Attributes
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		C Charge	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		F780 Proforma Invoice	
	SAC05	610 Amount	O N2 1/15
		Monetary amount	
	SAC06	378 Allowance/Charge Percent Qualifier	X ID 1/1
		Code indicating on what basis allowance or charge percent is calculated	
		3 Discount/Gross	
	SAC07	332 Percent	X R 1/6
		Percent expressed as a percent	
	SAC08	118 Rate	O R 1/9
		Rate expressed in the standard monetary denomination for the currency specified	
	SAC09	355 Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

	EA	Each		
SAC10	380	Quantity	X	R 1/15
		Numeric value of quantity		
SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
		Code indicating method of handling for an allowance or charge		
		02 Off Invoice		
SAC13	127	Reference Identification	X	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
SAC15	352	Description	X	AN 1/80
		A free-form description to clarify the related data elements and their content		

Segment: **SLN** Subline Item Detail
Position: 460
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Syntax Notes: 1 If either SLN04 or SLN05 is present, then the other is required.
 2 If SLN07 is present, then SLN06 is required.
 3 If SLN08 is present, then SLN06 is required.
 4 If either SLN09 or SLN10 is present, then the other is required.
 5 If either SLN11 or SLN12 is present, then the other is required.
 6 If either SLN13 or SLN14 is present, then the other is required.
 7 If either SLN15 or SLN16 is present, then the other is required.
 8 If either SLN17 or SLN18 is present, then the other is required.
 9 If either SLN19 or SLN20 is present, then the other is required.
 10 If either SLN21 or SLN22 is present, then the other is required.
 11 If either SLN23 or SLN24 is present, then the other is required.
 12 If either SLN25 or SLN26 is present, then the other is required.
 13 If either SLN27 or SLN28 is present, then the other is required.
Comments: 1 See the Data Element Dictionary for a complete list of IDs.
 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number.
 Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
 3 SLN09 through SLN28 provide for ten different product/service IDs for each item.
 For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: THERE MAY BE 20 SLN SEGMENTS
 Used only for Import PO's (Consolidator / Deconsolidator)
 Example:
 SLN*1**I*1*AY*2*PE**PQ*4466.77.88.44*CH*CN

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	SLN01	350 Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	M AN 1/20
M	SLN03	662 Relationship Code Code indicating the relationship between entities I Included	M ID 1/1
	SLN04	380 Quantity Numeric value of quantity FOB Quantity	X R 1/15
	SLN05	C001 Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
M	C00101	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken AY Assembly	M ID 2/2
	SLN06	212 Unit Price Price per unit of product, service, commodity, etc. FOB Amount	X R 1/17

SLN07	639	Basis of Unit Price Code	O	ID 2/2
		Code identifying the type of unit price for an item		
		PE Price per Each		
SLN09	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		PQ Product ID Attribute Code		
SLN10	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		HTS Number		
SLN11	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		CH Country of Origin Code		
SLN12	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		Country Of Origin		

Segment: **N9** Reference Identification
Position: 523
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

Comments:
Notes: Used only for Import PO's (Consolidator/ Deconsolidator)
 Example:
 N9*L1*ABC5415464

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128 Reference Identification Qualifier Code qualifying the Reference Identification L1 Letters or Notes	M ID 2/3
	N902	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Binding Rule Number	X AN 1/30

Segment: **MSG** Message Text
Position: 525
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a free-form format that allows the transmission of text information
Syntax Notes: 1 If MSG03 is present, then MSG02 is required.
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes: Used only for Import PO's (Consolidator / Deconsolidator)

Example:
 MSG*HOKEY POKEY CUSTOMS DESCRIPTION

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	MSG01	933	Free-Form Message Text	M AN 1/264
			Free-form message text	
			Customs SKN Description	

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
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
 2 If either CTT05 or CTT06 is present, then the other is required.
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.
Notes: Example:
 CTT*1

Data Element Summary

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

Segment: **SE** Transaction Set Trailer
Position: 030
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Comments: 1 SE is the last segment of each transaction set.

Notes: Example:
SE*0001

Data Element Summary

	<u>Ref. Des.</u>	<u>Data 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 for Domestic Bulk PO Change

ISA*00* *00* *01*064336472 *01*555555555
 *030917*1506*U*00400*000000001*0*T*>
 GS*PC*064336472*555555555*20030917*1506*19*X*004010
 ST*860*0001
 BCH*04*ZZ*0091123456***20030911*****20030911
 REF*IA*12345
 PER*BD*BUYERNAME*TE*5555555555
 FOB*PP*CI*CITY STATE ZIP
 SAC*A*F780***3*5*****02***OTH
 ITD*01*3*1**10*****010DAYS
 DTM*193*20030914
 DTM*194*20030920
 DTM*037*20030904
 DTM*001*20030910
 N9*ZZ**PO CHANGE COMMENTS
 MSG*READ THIS.
 N1*ST*TOYS R US*9*643364720091
 N3*BULK PURCHASE ORDER
 N4*BULK P.O.*XX*999999999
 N1*BY*TOYS R US
 N3*225 SUMMIT AVE 1ST FLR
 N4*MONTVALE*NJ*07645
 N1*MF*VENDOR NAME
 N4*CITY*ST*00000
 N1*SF*SHIP FROM NAME
 N4*CITY*ST*00000
 POC**RZ*100*100*EA*16**IT*12345*VA*54321*UP*011111111111
 PID*F****ITEM DESCRIPTION
 PO4*12*****13*LB*1.7*CF
 POC**RZ*200*200*EA*16**IT*12346*VA*64321*UP*011111111121
 PID*F****ITEM DESCRIPTION
 PO4*4*****4*LB*.2*CF*****3
 SE*28*0001
 GE*1*19
 IEA*1*000000019

Example for Domestic PO Change

ISA*00* *00* *01*064336472 *ZZ*VENDORISA
*030918*1020*U*00400*000000094*0*T*>
GS*PC*064336472*VENDORGS*20030918*1020*94*X*004010
ST*860*0001
BCH*04*SA*5602123456***20030918*****20030918
REF*IA*555555
PER*BD*BUYERNAME*5555555555
FOB*PP*CI*CITY STATE ZIP
ITD*01*3*2**15*****015DAYS
DTM*193*20030921
DTM*194*20030927
DTM*037*20030827
DTM*001*20030902
N1*ST*TOYS R US*9*643364725602
N3*16040 SHERMAN WAY
N4*VAN NUYS*CA*91406
N1*BY*TOYS R US
N3*225 SUMMIT AVE 1ST FLR
N4*MONTVALE*NJ*07645
N1*MF*MANUFACTURER
N4*CITY*ST*00000
N1*SF*SHIP FROM NAME
N4*CITY*ST*00000
POC**RZ*100*100*EA*3**IT*123456*VA*654321*UP*011111111111
PID*F****ITEM DESCRIPTION A
PO4*1*****1*LB*1*CF*****10
POC**RZ*100*100*EA*3**IT*123457*VA*754321*UP*0111111111121
PID*F****ITEM DESCRIPTION B
PO4*1*****1*LB*1*CF*****10
POC**RZ*100*100*EA*18.25**IT*123458*VA*854321*UP*022222222222
PID*F****ITEM DESCRIPTION C
PO4*1*****5*LB*1*CF*****1
POC**RZ*100*100*EA*18.25**IT*123459*VA*954321*UP*033333333333
PID*F****ITEM DESCRIPTION D
PO4*1*****5*LB*1*CF*****1
CTT*4
SE*32*0001
GE*1*94
IEA*1*000000094

Example for Import PO Change

ISA*00* *00* *01*064336472 *ZZ*VENDORISA
 *030903*1326*U*00401*000000015*0*T*>
 GS*PC*064336472*VENDORDS*20030903*1326*15*X*004010
 ST*860*0001
 BCH*04*ZZ*9101123456***20030903*****20030903
 REF*AE*IMPORT TERMS*LETTER OF CREDIT
 REF*CR*012345 VENDOR NAME*THIS PO WILL BE DISTRIBUTED OVERSEAS
 REF*IA*5555
 FOB*FO
 DTM*037*20031102
 DTM*001*20031108
 N1*MF*MANUFACTURER*CM*CMID5555
 N3*555 ADDRESS
 N4*CITY*ST*00000**CA*CN
 REF*4B*POL
 POC**RZ*70*70*EA*2**IT*123456*VA*654321*UP*011111111111*KB*11*CL*11*SZ*4
 8IN
 PID*F****ITEM DESCRIPTION
 PO4*1*****1*LB*1*CF
 SLN*1**I*1*AY*1*PE**PQ*5555.55.55.55*CH*CH
 N9*L1*ABCDEF1234
 MSG*FREE FORM TEXT
 POC**RZ*90*90*EA*1**IT*543210*VA*12345*UP*011111111111*KB*11*CL*55*SZ*S
 PID*F****ITEM DESCRIPTION
 PO4*1*****1*LB*1*CF
 SLN*1**I*1*AY*1*PE**PQ*5555.55.55.55*CH*CH
 N9*L1*ABCDEFG123
 MSG*FREE FORM TEXT
 POC**RZ*500*500*EA*1**IT*123456*VA*654321*UP*022222222222*KB*11*CL*55*SZ
 *24IN
 PID*F****ITEM DESCRIPTION
 PO4*1*****1*LB*1*CF
 SLN*1**I*1*AY*2*PE**PQ*5555.55.55.55*CH*CN
 N9*L1*ABC1234567
 MSG*FREE FORM TEXT
 CTT*3
 SE*31*0001
 GE*1*15
 IEA*1*000000015

Example for Domestic / Import PO Change (Cancel)

ISA*00* *00* *01*064336472 *ZZ*VENDORIS
*030918*1222*U*00400*000000104*0*T*>
GS*PC*064336472*VENDORGS*20030918*1222*104*X*004010
ST*860*0001
BCH*01*SA*6301123456***20030917
REF*IA*55555
CTT*0
SE*5*0001
GE*1*104
IEA*1*000000104