

# **Factory Card Outlet of America, Ltd. EDI Specifications**

**850 - Purchase Order**

**Version: 5.0 Draft**

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<b>Notes:</b>	<b>Please refer to User Notes for Factory Card's usage of segments.</b>



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# 850 Purchase Order

## Functional Group=PO

**Purpose:** 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.

**Not Defined:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

**Heading:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BEG	Beginning Segment for Purchase Order	M	1			Must use
040	CUR	Currency	O	1			Used
050	REF	Reference Identification	O	3			Used
060	PER	Administrative Communications Contact	O	3			Used
080	FOB	F.O.B. Related Instructions	O	>1			Used
110	CSH	Sales Requirements	O	5			Used

<u>LOOP ID - SAC</u>					<u>6</u>
120	SAC	Service, Promotion, Allowance, or Charge Information	O	1	Used

130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	Used
150	DTM	Date/Time Reference	O	10	Used
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	Used

<u>LOOP ID - N9</u>					<u>1000</u>
295	N9	Reference Identification	O	1	Used
300	MSG	Message Text	O	1000	Used

<u>LOOP ID - N1</u>					<u>200</u>
310	N1	Name	O	1	Used
320	N2	Additional Name Information	O	2	Used
330	N3	Address Information	O	2	Used
340	N4	Geographic Location	O	>1	Used

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - PO1</u>					<u>100000</u>	<u>N2/010L</u>	
010	PO1	Baseline Item Data	M	1		N2/010	Must use

<u>LOOP ID - CTP</u>					<u>&gt;1</u>
040	CTP	Pricing Information	O	1	Used

<u>LOOP ID - PID</u>					<u>1000</u>
050	PID	Product/Item Description	O	1	Used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
090	PO4	Item Physical Details	O	>1			Used
<b>LOOP ID - SAC</b>					<b>25</b>		
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Future
190	SDQ	Destination Quantity	O	500			Not used

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - CTT</b>					<b>1</b>	<b>N3/010L</b>	
010	CTT	Transaction Totals	O	1		N3/010	Used
020	AMT	Monetary Amount	O	1		N3/020	Used
030	SE	Transaction Set Trailer	M	1			Must use

**Not Defined:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

**Notes:**

- 2/010L PO102 is required.
- 2/010 PO102 is required.
- 3/010L 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.
- 3/010 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.
- 3/020 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

# ISA Interchange Control Header

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 16</b>

**User Option (Usage):** Must use

**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control segments

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	<b>Authorization Information Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code to identify the type of information in the Authorization Information						
<b>Code Name</b>						
00 No Authorization Information Present (No Meaningful Information in I02)						
ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Must use
<b>Description:</b> Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)						
ISA03	I03	<b>Security Information Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code to identify the type of information in the Security Information						
<b>Code Name</b>						
00 No Security Information Present (No Meaningful Information in I04)						
ISA04	I04	<b>Security Information</b>	M	AN	10/10	Must use
<b>Description:</b> This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)						
ISA05	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>Code Name</b>						
08 UCC EDI Communications ID (Comm ID)						
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Must use
<b>Description:</b> Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element						
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>Code Name</b>						
01 Duns (Dun & Bradstreet)						
08 UCC EDI Communications ID (Comm ID)						
12 Phone (Telephone Companies)						
ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Must use
<b>Description:</b> Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them						
ISA09	I08	<b>Interchange Date</b>	M	DT	8/8	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Date of the interchange - CCYYMMDD				
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Must use
		<b>Description:</b> Time of the interchange				
ISA11	I10	<b>Interchange Control Standards Identifier</b>	M	ID	1/1	Must use
		<b>Description:</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer				
		<b>Code Name</b>				
		U U.S. EDI Community of ASC X12, TDCC, and UCS				
ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use
		<b>Description:</b> This version number covers the interchange control segments				
		<b>Code Name</b>				
		00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender				
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
		<b>Description:</b> Code sent by the sender to request an interchange acknowledgment (TA1)				
		<b>Code Name</b>				
		1 Interchange Acknowledgment Requested				
ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Must use
		<b>Description:</b> Code to indicate whether data enclosed by this interchange envelope is test, production or information				
		<b>Code Name</b>				
		P Production Data				
		T Test Data				
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Must use
		<b>Description:</b> Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

# GS Functional Group Header

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 8</b>

**User Option (Usage):** Must use

**Purpose:** To indicate the beginning of a functional group and to provide control information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	<b>Functional Identifier Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying a group of application related transaction sets						
<b>Code Name</b>						
PO Purchase Order (850)						
GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use
<b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners						
GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use
<b>Description:</b> Code identifying party receiving transmission. Codes agreed to by trading partners						
GS04	373	<b>Date</b>	M	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD						
GS05	337	<b>Time</b>	M	TM	4/8	Must use
<b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)						
GS06	28	<b>Group Control Number</b>	M	N0	1/9	Must use
<b>Description:</b> Assigned number originated and maintained by the sender						
GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use
<b>Description:</b> Code used in conjunction with Data Element 480 to identify the issuer of the standard						
<b>Code Name</b>						
X Accredited Standards Committee X12						
GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use
<b>Description:</b> Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed						
<b>Code Name</b>						
004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997						

## Semantics:

- GS04 is the group date.
- GS05 is the group time.
- The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.



**Comments:**

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

# ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To indicate the start of a transaction set and to assign a control number

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use
<b>Description:</b> Code uniquely identifying a Transaction Set						
<b>Code Name</b>						
850 Purchase Order						
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

## Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

# BEG Beginning Segment for Purchase Order

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

**User Option (Usage):** Must use

**Purpose:** To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BEG01	353	<b>Transaction Set Purpose Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying purpose of transaction set				
		<b>Code Name</b>				
		00		Original		
BEG02	92	<b>Purchase Order Type Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code specifying the type of Purchase Order				
		<b>Code Name</b>				
		CN		Consigned Order		
		SA		Stand-alone Order		
BEG03	324	<b>Purchase Order Number</b>	M	AN	1/22	Must use
		<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser				
BEG05	373	<b>Date</b>	M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD				

## Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

# CUR Currency

<b>Pos: 040</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Used

**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use
<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual						
<b>Code Name</b>						
BY Buying Party (Purchaser)						
CUR02	100	<b>Currency Code</b>	M	ID	3/3	Must use

**Description:** Code (Standard ISO) for country in whose currency the charges are specified

**Factory Card Notes:** USD for US dollars

## Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

## Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

## Factory Card Notes:

Optional for Factory Card

# REF Reference Identification

Pos: 050	Max: 3
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify identifying information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification

**Code Name**

DP Department Number

**Description:** Department Number

IA Internal Vendor Number

**Description:** Internal Vendor Number

ZZ Mutually Defined

**Description:** Seasonal Wave Code

REF02	127	Reference Identification	C	AN	1/30	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

## Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

## Semantics:

1. REF04 contains data relating to the value cited in REF02.

## Factory Card Notes:

We may transmit up to three REF segments, the first will contain our Merchandise Department Number, and, the second one contains Vendor Number and the third one may contain our Seasonal Wave code. The Vendor Number must be returned on all Invoices associated with this Purchase Order. The Department Number must be included on all the shipping labels for this order (see our separate shipping label specification). You must print our Seasonal Wave code (if transmitted) on all carton labels shipped for this order.

# PER Administrative Communications Contact

Pos: 060	Max: 3
Heading - Optional	
Loop: N/A	Elements: 4

**User Option (Usage):** Used

**Purpose:** To identify a person or office to whom administrative communications should be directed

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	<b>Contact Function Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying the major duty or responsibility of the person or group named						
<b>Code Name</b>						
AG Agent						
BD Buyer Name or Department						
PER02	93	<b>Name</b>	O	AN	1/60	Used
<b>Description:</b> Free-form name						
PER03	365	<b>Communication Number Qualifier</b>	C	ID	2/2	Used
<b>Description:</b> Code identifying the type of communication number						
<b>Code Name</b>						
TE Telephone						
PER04	364	<b>Communication Number</b>	C	AN	1/80	Used
<b>Description:</b> Complete communications number including country or area code when applicable						

## Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

## Factory Card Notes:

Optional for Factory Card

# FOB F.O.B. Related Instructions

Pos: 080	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify transportation instructions relating to shipment

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FOB01	146	<b>Shipment Method of Payment</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying payment terms for transportation charges						
<b>Code Name</b>						
MX Mixed						
FOB02	309	<b>Location Qualifier</b>	C	ID	1/2	Used
<b>Description:</b> Code identifying type of location						
<b>Code Name</b>						
DE Destination (Shipping)						
OR Origin (Shipping Point)						
FOB03	352	<b>Description</b>	O	AN	1/80	Used
<b>Description:</b> A free-form description to clarify the related data elements and their content						

## Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

## Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

# CSH Sales Requirements

Pos: 110	Max: 5
Heading - Optional	
Loop: N/A	Elements: 1

**User Option (Usage):** Used

**Purpose:** To specify general conditions or requirements of the sale

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CSH01	563	Sales Requirement Code	O	ID	1/2	Used

**Description:** Code to identify a specific requirement or agreement of sale

**Code Name**

N	No Back Order
Y	Back Order if Out of Stock

## Syntax Rules:

1. C0203 - If CSH02 is present, then CSH03 is required.
2. P0607 - If either CSH06 or CSH07 is present, then the other is required.
3. P0910 - If either CSH09 or CSH10 is present, then the other is required.

## Semantics:

1. CSH03 is the maximum monetary amount value which the order must not exceed.
2. CSH04 is the account number to which the purchase amount is charged.
3. CSH05 is the date specified by the sender to be shown on the invoice.
4. CSH06 identifies the source of the code value in CSH07.



# Loop Service, Promotion, Allowance, or Charge Information

Pos: 120	Repeat: 6
Optional	
Loop: SAC	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

## Factory Card Notes:

Factory Card & Party Outlet will only transmit Service, Promotion and Allowance codes in the SAC 120 segment, or in other words, at the Purchase Order level. The SAC 130 segment, or the SAC at the Item level, has been defined for future use and must be supported, but will not initially be used.

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 120	Max: 1
Heading - Optional	
Loop: SAC	Elements: 15

**User Option (Usage):** Used

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	<b>Allowance or Charge Indicator</b>	M	ID	1/1	Must use
<b>Description:</b> Code which indicates an allowance or charge for the service specified						
<b>Code Name</b>						
A Allowance						
C Charge						
P Promotion						
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	C	ID	4/4	Used
<b>Description:</b> Code identifying the service, promotion, allowance, or charge						
<b>Code Name</b>						
A260 Advertising Allowance						
C000 Defective Allowance						
<b>Description:</b> Defective/Damage Allowance						
C540 Early Buy Allowance						
E730 New Item Allowance						
E750 New Store Discount						
F340 Pick/Up						
<b>Description:</b> Freight Discount						
F420 Placement and/or Removal Charge						
F800 Promotional Allowance						
F970 Rebate						
G860 Shrink Allowance						
<b>Description:</b> Store Direct Receipt Shortage Allowance						
G880 Shrinkage Allowance						
H000 Special Allowance						
H730 Tax - Local Sales Tax						
<b>Description:</b> All applicable sales taxes by taxing authorities below the State level						
I010 Third Party Allowance						
I310 Truckload Discount						
I570 Warehouse						
ZZZZ Mutually Defined						
SAC03	559	<b>Agency Qualifier Code</b>	C	ID	2/2	Not used
<b>Description:</b> Code identifying the agency assigning the code values						
<b>Code Name</b>						
VI Voluntary Inter-Industry Commerce Standard (VICS) EDI						
SAC04	1301	<b>Agency Service, Promotion, Allowance, or</b>	C	AN	1/10	Not used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Charge Code</b>				
		<b>Description:</b> Agency maintained code identifying the service, promotion, allowance, or charge				
SAC05	610	<b>Amount</b>	O	N2	1/15	Used
		<b>Description:</b> Monetary amount				
SAC06	378	<b>Allowance/Charge Percent Qualifier</b>	C	ID	1/1	Used
		<b>Description:</b> Code indicating on what basis allowance or charge percent is calculated				
		<b>Code Name</b>				
		3 Discount/Gross				
		4 Discount/Net				
SAC07	332	<b>Percent</b>	C	R	1/6	Used
		<b>Description:</b> Percent expressed as a percent				
SAC08	118	<b>Rate</b>	O	R	1/9	Not used
		<b>Description:</b> Rate expressed in the standard monetary denomination for the currency specified				
SAC09	355	<b>Unit or Basis for Measurement Code</b>	C	ID	2/2	Not used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>Code Name</b>				
		CA Case				
		EA Each				
SAC10	380	<b>Quantity</b>	C	R	1/15	Not used
		<b>Description:</b> Numeric value of quantity				
SAC11	380	<b>Quantity</b>	O	R	1/15	Not used
		<b>Description:</b> Numeric value of quantity				
SAC12	331	<b>Allowance or Charge Method of Handling Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code indicating method of handling for an allowance or charge				
		<b>Code Name</b>				
		01 Bill Back				
		02 Off Invoice				
		03 Vendor Check to Customer				
		04 Credit Customer Account				
		05 Charge to be Paid by Vendor				
		06 Charge to be Paid by Customer				
		08 Off Gross Quantity Invoiced				
SAC13	127	<b>Reference Identification</b>	C	AN	1/30	Not used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
SAC14	770	<b>Option Number</b>	O	AN	1/20	Not used
		<b>Description:</b> A unique number identifying available promotion or allowance options when more than one is offered				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC15	352	<b>Description</b>	C	AN	1/80	Used

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

### Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. C1413 - If SAC14 is present, then SAC13 is required.
8. C1615 - If SAC16 is present, then SAC15 is required.

### Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

### 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.

### Factory Card Notes:

Factory Card & Party Outlet will only transmit Service, Promotion and Allowance codes in the SAC 120 segment, or in other words, at the Purchase Order level. The SAC 130 segment, or the SAC at the Item level, has been defined for future use and must be supported, but will not initially be used.

# ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Optional	
Loop: N/A	Elements: 14

**User Option (Usage):** Used

**Purpose:** To specify terms of sale

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code	O	ID	2/2	Used

**Description:** Code identifying type of payment terms

**Code Name**

- 04 Deferred or Installment
- 05 Discount Not Applicable
- 08 Basic Discount Offered
- 09 Proximo

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

**Description:** Code identifying the beginning of the terms period

**Code Name**

- 1 Ship Date
- 2 Delivery Date
- 3 Invoice Date
- 4 Specified Date
- 5 Invoice Receipt Date
- 8 Invoice Transmission Date
- 15 Receipt of Goods

ITD03	338	Terms Discount Percent	O	R	1/6	Used
-------	-----	------------------------	---	---	-----	------

**Description:** Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

ITD04	370	Terms Discount Due Date	C	DT	8/8	Not used
-------	-----	-------------------------	---	----	-----	----------

**Description:** Date payment is due if discount is to be earned expressed in format CCYYMMDD

ITD05	351	Terms Discount Days Due	C	N0	1/3	Used
-------	-----	-------------------------	---	----	-----	------

**Description:** Number of days in the terms discount period by which payment is due if terms discount is earned

ITD06	446	Terms Net Due Date	O	DT	8/8	Not used
-------	-----	--------------------	---	----	-----	----------

**Description:** Date when total invoice amount becomes due expressed in format CCYYMMDD

ITD07	386	Terms Net Days	O	N0	1/3	Used
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**Description:** Number of days until total invoice amount is due (discount not applicable)

ITD08	362	Terms Discount Amount	O	N2	1/10	Not used
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**Description:** Total amount of terms discount

ITD09	388	Terms Deferred Due Date	O	DT	8/8	Not used
-------	-----	-------------------------	---	----	-----	----------

**Description:** Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD10	389	<b>Deferred Amount Due</b> <b>Description:</b> Deferred amount due for payment	C	N2	1/10	Not used
ITD11	342	<b>Percent of Invoice Payable</b> <b>Description:</b> Amount of invoice payable expressed in percent	C	R	1/5	Used
ITD12	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	O	AN	1/80	Used
ITD13	765	<b>Day of Month</b> <b>Description:</b> The numeric value of the day of the month between 1 and the maximum day of the month being referenced	C	N0	1/2	Used
ITD14	107	<b>Payment Method Code</b> <b>Description:</b> Code identifying type of payment procedures	O	ID	1/2	Not used
		<b>Code Name</b>				
		C Pay By Check				
		L Letter of Credit				
		T Wire Transfer				

**Syntax Rules:**

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

**Semantics:**

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

**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.

**Factory Card Notes:**

For Seasonal terms deferred term type ITD01= 04 is used with the term deferred due date in ITD09.

Examples

Seasonal terms

ITD\*04\*5\*\*\*\*\*20000315\*\*100\*FCO - EASTER~

Terms with Discount

ITD\*08\*5\*2\*\*10\*\*30\*\*\*100\*2% 10 Net 30~

Terms without discount

ITD\*05\*3\*\*\*30\*\*\*100\*Net 30~

# DTM Date/Time Reference

Pos: 150	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

**Description:** Code specifying type of date or time, or both date and time

**Code Name**

- 001 Cancel After
- 010 Requested Ship
- 063 Do Not Deliver After
- 064 Do Not Deliver Before

DTM02	373	Date	C	DT	8/8	Used
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**Description:** Date expressed as CCYYMMDD

## Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

## Factory Card Notes:

As of specification version 4.0, FCPO is sending 'Do not Deliver Before' and 'Do not Deliver After' dates. These dates clearly define FCPO's expected delivery window.  
 3/10/2005 - Since we do not send DTM05, it has been taken out from spec.

# TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the carrier and sequence of routing and provide transit time information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD501	133	Routing Sequence Code	O	ID	1/2	Used

**Description:** Code describing the relationship of a carrier to a specific shipment movement

**Code Name**

Z Mutually Defined

TD505	387	Routing	C	AN	1/35	Used
-------	-----	---------	---	----	------	------

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

## Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

## Semantics:

1. TD515 is the country where the service is to be performed.

## Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.



# Loop Reference Identification

Pos: 295	Repeat: 1000
	Optional
Loop: N9	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
295	N9	Reference Identification	O	1		Used
300	MSG	Message Text	O	1000		Used

## Factory Card Notes:

Factory Card may send a number of PO Notes, each line containing up to 50 characters. We do not expect these notes back on the Invoice.

# N9 Reference Identification

Pos: 295	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
		<b>Description:</b> Code qualifying the Reference Identification				
		<b>Code Name</b>				
		ZZ Mutually Defined				
N903	369	Free-form Description	C	AN	1/45	Used

**Description:** Free-form descriptive text

**Factory Card Notes:** The reference identification is: "Legal Text"

## Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.

# MSG Message Text

Pos: 300	Max: 1000
Heading - Optional	
Loop: N9	Elements: 1

**User Option (Usage):** Used

**Purpose:** To provide a free-form format that allows the transmission of text information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	Free-Form Message Text	M	AN	1/264	Used

**Description:** Free-form message text

**Factory Card Notes:** Factory Card may send a number of PO Notes, each line containing up to 50 characters. We do not expect these notes back on the Invoice.

## Syntax Rules:

1. C0302 - If MSG03 is present, then MSG02 is required.

## Semantics:

1. MSG03 is the number of lines to advance before printing.

## 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.

## Factory Card Notes:

Factory Card may send a number of PO Notes, each line containing up to 50 characters. We do not expect these notes back on the Invoice.

# Loop Name

Pos: 310	Repeat: 200
Optional	
Loop: N1	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
310	N1	Name	O	1		Used
320	N2	Additional Name Information	O	2		Used
330	N3	Address Information	O	2		Used
340	N4	Geographic Location	O	>1		Used

# N1 Name

<b>Pos: 310</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

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

**Factory Card Notes:** FCPO may use 'MA' to indicate in our backend system that it's reserved for a single Store. NOTE: This is NOT a Cross-Dock, so Vendor is not required to label as 'MA'.

**Code Name**

BY Buying Party (Purchaser)  
 MA Party for whom Item is Ultimately Intended  
 ST Ship To

N102	93	<b>Name</b>	C	AN	1/60	Used
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**Description:** Free-form name

N103	66	<b>Identification Code Qualifier</b>	C	ID	1/2	Used
------	----	--------------------------------------	---	----	-----	------

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

**Code Name**

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix  
 92 Assigned by Buyer or Buyer's Agent

N104	67	<b>Identification Code</b>	C	AN	2/80	Used
------	----	----------------------------	---	----	------	------

**Description:** Code identifying a party or other code

**Factory Card Notes:** Please refer to list in Appendix for locations & addresses

## Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - 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.

# N2 Additional Name Information

Pos: 320	Max: 2
Heading - Optional	
Loop: N1	Elements: 1

**User Option (Usage):** Used

**Purpose:** To specify additional names or those longer than 35 characters in length

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name	M	AN	1/60	Must use

**Description:** Free-form name

# N3 Address Information

Pos: 330	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

<b>Pos: 340</b>	<b>Max: &gt;1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 3</b>

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				

## Syntax Rules:

1. C0605 - 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.



# Loop Baseline Item Data

Pos: 010      Repeat: 100000  
 Mandatory  
 Loop: PO1      Elements: N/A

**User Option (Usage):** Must use

**Purpose:** To specify basic and most frequently used line item data

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	PO1	Baseline Item Data	M	1		Must use
040		Loop CTP	O		>1	Used
050		Loop PID	O		1000	Used
090	PO4	Item Physical Details	O	>1		Used
130		Loop SAC	O		25	Future
190	SDQ	Destination Quantity	O	500		Not used

## Factory Card Notes:

If Element PO103 contains 'CA', then the PO4 segment is required. The PO4 segment will describe the number of eaches per inner container (CA).

# PO1 Baseline Item Data

Pos: 010                      Max: 1  
 Detail - Mandatory  
 Loop: PO1                    Elements: 8

**User Option (Usage):** Must use

**Purpose:** To specify basic and most frequently used line item data

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO101	350	<b>Assigned Identification</b>	O	AN	1/20	Used
<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set						
PO102	330	<b>Quantity Ordered</b>	C	R	1/15	Used
<b>Description:</b> Quantity ordered						
PO103	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Used
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
<b>Factory Card Notes:</b> The most commonly used Unit of Measure code are listed here.						
<b>Code Name</b>						
CA Case						
DZ Dozen						
EA Each						
PO104	212	<b>Unit Price</b>	C	R	1/17	Used
<b>Description:</b> Price per unit of product, service, commodity, etc.						
PO106	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Used
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<b>Code Name</b>						
CB Buyer's Catalog Number						
PO107	234	<b>Product/Service ID</b>	C	AN	1/48	Used
<b>Description:</b> Identifying number for a product or service						
PO108	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Used
<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<b>Code Name</b>						
VC Vendor's (Seller's) Catalog Number						
PO109	234	<b>Product/Service ID</b>	C	AN	1/48	Used
<b>Description:</b> Identifying number for a product or service						

## Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.

6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

**Comments:**

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

# Loop Pricing Information

Pos: 040	Repeat: >1
Optional	
Loop: CTP	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To Specify Retail Price for Preticketing

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
040	CTP	Pricing Information	O	1		Used

## Factory Card Notes:

Retail unit price should be used optionally to print pre-ticket.

# CTP Pricing Information

Pos: 040	Max: 1
Detail - Optional	
Loop: CTP	Elements: 3

**User Option (Usage):** Used

**Purpose:** To Specify Retail Price for Preticketing

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP01	687	<b>Class of Trade Code</b>	O	ID	2/2	Used
<b>Description:</b> Code indicating class of trade						
<b>Code Name</b>						
RS Resale						
CTP02	236	<b>Price Identifier Code</b>	C	ID	3/3	Used
<b>Description:</b> Code identifying pricing specification						
<b>Code Name</b>						
RTL Retail						
CTP03	212	<b>Unit Price</b>	C	R	1/17	Used
<b>Description:</b> Price per unit of product, service, commodity, etc.						

## Syntax Rules:

1. P0405 - If either CTP04 or CTP05 is present, then the other is required.
2. C0607 - If CTP06 is present, then CTP07 is required.
3. C0902 - If CTP09 is present, then CTP02 is required.
4. C1002 - If CTP10 is present, then CTP02 is required.
5. C1103 - If CTP11 is present, then CTP03 is required.

## Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

## Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

## Factory Card Notes:

Retail unit price should be used optionally to print pre-ticket.

# Loop Product/Item Description

Pos: 050	Repeat: 1000
	Optional
Loop: PID	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To describe a product or process in coded or free-form format

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
050	PID	Product/Item Description	O	1		Used

# PID Product/Item Description

Pos: 050	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

**User Option (Usage):** Used

**Purpose:** To describe a product or process in coded or free-form format

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	<b>Item Description Type</b>	M	ID	1/1	Must use
<b>Description:</b> Code indicating the format of a description						
<b>Code Name</b>						
F Free-form						
PID02	750	<b>Product/Process Characteristic Code</b>	O	ID	2/3	Used
<b>Description:</b> Code identifying the general class of a product or process characteristic						
<b>Factory Card Notes:</b> If PID02 is blank, PID05 is the FCPO Item Description.						
If PID02 = 'ZZ', then PID05 contains an item-specific note.						
<b>Code Name</b>						
ZZ Mutually Defined						
PID05	352	<b>Description</b>	C	AN	1/80	Used
<b>Description:</b> A free-form description to clarify the related data elements and their content						

## 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.

# PO4 Item Physical Details

Pos: 090	Max: >1
Detail - Optional	
Loop: PO1	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO402	357	<b>Size</b>	C	R	1/8	Used
<b>Description:</b> Size of supplier units in pack						
<b>Factory Card Notes:</b> If IT103 contains the code 'CA', then PO402 must contain the number of eaches in the Case.						
PO403	355	<b>Unit or Basis for Measurement Code</b>	C	ID	2/2	Used
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
<b>Factory Card Notes:</b> This is always 'EA' since we use PO402 to identify the size in Eaches in IT1 segment.						
<b>Code Name</b>						
EA Each						
PO414	810	<b>Inner Pack</b>	O	N0	1/6	Not used
<b>Description:</b> The number of eaches per inner container						

## Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

## Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

## 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.

## Factory Card Notes:

This segment will only be used when PO1 Segment's Element PO103 = 'CA', describing the number of Eaches in 'CA' above.



# Loop Service, Promotion, Allowance, or Charge Information

Pos: 130	Repeat: 25
Optional	
Loop: SAC	Elements: N/A

**User Option (Usage):** Future

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Future

## Factory Card Notes:

Factory Card & Party Outlet will only transmit Service, Promotion and Allowance codes in the SAC 120 segment, or in other words, at the Purchase Order level. The SAC 130 segment, or the SAC at the Item level, has been defined for future use and must be supported, but will not initially be used.

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 130	Max: 1
Detail - Optional	
Loop: SAC	Elements: 15

**User Option (Usage):** Future

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	<b>Allowance or Charge Indicator</b>	M	ID	1/1	Must use
<b>Description:</b> Code which indicates an allowance or charge for the service specified						
<b>Code Name</b>						
A Allowance						
C Charge						
P Promotion						
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	C	ID	4/4	Not used
<b>Description:</b> Code identifying the service, promotion, allowance, or charge						
<b>Code Name</b>						
C300 Discount - Special						
E730 New Item Allowance						
F800 Promotional Allowance						
SAC03	559	<b>Agency Qualifier Code</b>	C	ID	2/2	Not used
<b>Description:</b> Code identifying the agency assigning the code values						
<b>Code Name</b>						
VI Voluntary Inter-Industry Commerce Standard (VICS) EDI						
SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b>	C	AN	1/10	Not used
<b>Description:</b> Agency maintained code identifying the service, promotion, allowance, or charge						
SAC05	610	<b>Amount</b>	O	N2	1/15	Not used
<b>Description:</b> Monetary amount						
SAC06	378	<b>Allowance/Charge Percent Qualifier</b>	C	ID	1/1	Not used
<b>Description:</b> Code indicating on what basis allowance or charge percent is calculated						
<b>Code Name</b>						
1 Item List Cost						
2 Item Net Cost						
5 Base Price per Unit						
6 Base Price Amount						
SAC07	332	<b>Percent</b>	C	R	1/6	Not used
<b>Description:</b> Percent expressed as a percent						
SAC08	118	<b>Rate</b>	O	R	1/9	Not used
<b>Description:</b> Rate expressed in the standard monetary denomination for the currency specified						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC09	355	<b>Unit or Basis for Measurement Code</b>  <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  <u>Code Name</u> CA Case EA Each	C	ID	2/2	Not used
SAC10	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	C	R	1/15	Not used
SAC11	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	O	R	1/15	Not used
SAC12	331	<b>Allowance or Charge Method of Handling Code</b>  <b>Description:</b> Code indicating method of handling for an allowance or charge  <u>Code Name</u> 01 Bill Back 02 Off Invoice 03 Vendor Check to Customer 04 Credit Customer Account 08 Off Gross Quantity Invoiced	O	ID	2/2	Not used
SAC13	127	<b>Reference Identification</b>  <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Not used
SAC14	770	<b>Option Number</b>  <b>Description:</b> A unique number identifying available promotion or allowance options when more than one is offered	O	AN	1/20	Not used
SAC15	352	<b>Description</b>  <b>Description:</b> A free-form description to clarify the related data elements and their content	C	AN	1/80	Not used

**Syntax Rules:**

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. C1413 - If SAC14 is present, then SAC13 is required.
8. C1615 - If SAC16 is present, then SAC15 is required.

**Semantics:**

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or

invoice quantity.

6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

### 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.

### Factory Card Notes:

Factory Card & Party Outlet will only transmit Service, Promotion and Allowance codes in the SAC 120 segment, or in other words, at the Purchase Order level. The SAC 130 segment, or the SAC at the Item level, has been defined for future use and must be supported, but will not be initially used.

# SDQ Destination Quantity

Pos: 190                      Max: 500  
 Detail - Optional  
 Loop: PO1                  Elements: 23

**User Option (Usage):** Not used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**Code Name**

CA Case  
 DZ Dozen  
 EA Each

SDQ02	66	Identification Code Qualifier	O	ID	1/2	Used
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**Description:** Code designating the system/method of code structure used for Identification Code (67)

**Code Name**

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix  
 92 Assigned by Buyer or Buyer's Agent

SDQ03	67	Identification Code	M	AN	2/80	Must use
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**Description:** Code identifying a party or other code

SDQ04	380	Quantity	M	R	1/15	Must use
-------	-----	----------	---	---	------	----------

**Description:** Numeric value of quantity

SDQ05	67	Identification Code	C	AN	2/80	Used
-------	----	---------------------	---	----	------	------

**Description:** Code identifying a party or other code

SDQ06	380	Quantity	C	R	1/15	Used
-------	-----	----------	---	---	------	------

**Description:** Numeric value of quantity

SDQ07	67	Identification Code	C	AN	2/80	Used
-------	----	---------------------	---	----	------	------

**Description:** Code identifying a party or other code

SDQ08	380	Quantity	C	R	1/15	Used
-------	-----	----------	---	---	------	------

**Description:** Numeric value of quantity

SDQ09	67	Identification Code	C	AN	2/80	Used
-------	----	---------------------	---	----	------	------

**Description:** Code identifying a party or other code

SDQ10	380	Quantity	C	R	1/15	Used
-------	-----	----------	---	---	------	------

**Description:** Numeric value of quantity

SDQ11	67	Identification Code	C	AN	2/80	Used
-------	----	---------------------	---	----	------	------

**Description:** Code identifying a party or other code

SDQ12	380	Quantity	C	R	1/15	Used
-------	-----	----------	---	---	------	------

**Description:** Numeric value of quantity

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ13	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used
SDQ14	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ15	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used
SDQ16	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ17	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used
SDQ18	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ19	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used
SDQ20	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ21	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used
SDQ22	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ23	310	<b>Location Identifier</b> <b>Description:</b> Code which identifies a specific location	O	AN	1/30	Used

### Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

### Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

### Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.

3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

**Factory Card Notes:**

FOR FUTURE USE ONLY

Factory Card does not currently support SDQ processing.

# Loop Transaction Totals

Pos: 010	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To transmit a hash total for a specific element in the transaction set

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	CTT	Transaction Totals	O	1		Used
020	AMT	Monetary Amount	O	1		Used



# CTT Transaction Totals

Pos: 010 Max: 1  
 Summary - Optional  
 Loop: CTT Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit a hash total for a specific element in the transaction set

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use
		<b>Description:</b> Total number of line items in the transaction set				
CTT02	347	Hash Total	O	R	1/10	Used

**Description:** Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. -----1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.

**Syntax Rules:**

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - 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.

# AMT Monetary Amount

Pos: 020	Max: 1
Summary - Optional	
Loop: CTT	Elements: 3

**User Option (Usage):** Used

**Purpose:** To indicate the total monetary amount

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AMT01	522	<b>Amount Qualifier Code</b>	M	ID	1/3	Must use
<b>Description:</b> Code to qualify amount						
<b>Code Name</b>						
1 Line Item Total						
AMT02	782	<b>Monetary Amount</b>	M	R	1/18	Must use
<b>Description:</b> Monetary amount						
AMT03	478	<b>Credit/Debit Flag Code</b>	O	ID	1/1	Not used
<b>Description:</b> Code indicating whether amount is a credit or debit						
<b>Code Name</b>						
C Credit						
D Debit						

## Factory Card Notes:

This is the Total PO Amount.

# SE Transaction Set Trailer

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**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)

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	NO	1/10	Must use
<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments						
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

## Comments:

- SE is the last segment of each transaction set.

# GE Functional Group Trailer

<b>Pos:</b>	<b>Max: 1</b>
<b>Not Defined - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Must use

**Purpose:** To indicate the end of a functional group and to provide control information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	<b>Number of Transaction Sets Included</b>	M	N0	1/6	Must use
<b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
GE02	28	<b>Group Control Number</b>	M	N0	1/9	Must use
<b>Description:</b> Assigned number originated and maintained by the sender						

## Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

## Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

# IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control segments

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	<b>Number of Included Functional Groups</b>	M	NO	1/5	Must use
<b>Description:</b> A count of the number of functional groups included in an interchange						
IEA02	I12	<b>Interchange Control Number</b>	M	NO	9/9	Must use
<b>Description:</b> A control number assigned by the interchange sender						