



# **850 Purchase Order**

**Functional Group : PO**

**Version: ANSI X-12 004030**

**Author:** Charming Shoppes Inc.

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**Trading Partner:** Merchandise vendors

**Notes:** Single Ship to Location PO

# 850 Purchase Order

## Functional Group=PO

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. 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>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BEG	Beginning Segment for Purchase Order	M	1		
	050	REF	Reference Identification	O	>1		
	080	FOB	F.O.B. Related Instructions	O	>1		
						25	
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	>1		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	1		
	150	DTM	Date/Time Reference	O	5		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1		
						1000	
	295	N9	Reference Identification	O	1		
	300	MTX	Message Text	O	1000		
						200	
Must Use	310	N1	Name	O	1		
Must Use	330	N3	Address Information	O	2		
Must Use	340	N4	Geographic Location	O	1		

### 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>
						100000	
Must Use	010	PO1	Baseline Item Data	M	1		n1
						1000	
	470	SLN	Subline Item Detail	O	1		

490	PID	Product/Item Description	O	1000
505	TC2	Commodity	O	>1
515	DTM	Date/Time Reference	O	3
528	CTP	Pricing Information	O	>1
518	PO4	Item Physical Details	O	1
LOOP ID - N9				>1
523	N9	Reference Identification	O	1
525	MTX	Message Text	O	>1

**Summary:**

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
LOOP ID - CTT						1
010	CTT	Transaction Totals	O	1		n3
Must Use	030	SE	Transaction Set Trailer	M	1	

**Not Defined:**

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

**Note 1:**

Charming Shoppes will not utilize the 860 to send PO changes on PO's. Any changes to the original PO will be indicated as deletes or replacement to the original PO. All other changes will be verbally communicated by the buyer.

# 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>

**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 identifying 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 identifying 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> Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>(Charming Shoppes Inc.) Note 1: Charming Shoppes Inc. Test &amp; Production Qualifier is (01)</b>						
<b>Code Name</b>						
01 Duns (Dun & Bradstreet)						
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						
<b>(Charming Shoppes Inc.) Note 1: Charming Shoppes Inc.</b>						
<b>Test id. :</b> 054744677T						
<b>Prod ID:</b> 054744677						
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
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						
<b>(Charming Shoppes Inc.) Note 1: Your EDI ID.</b>						
ISA09	I08	<b>Interchange Date</b>	M	DT	6/6	Must use
<b>Description:</b> Date of the interchange						
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Must use
<b>Description:</b> Time of the interchange						
ISA11	I65	<b>Repetition Separator</b>	M		1/1	Must use
<b>Description:</b> Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator						
<b>(Charming Shoppes Inc.) Note 1: Hex 3A or ( : )</b>						
ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use

**Description:** Code specifying the version number of the interchange control segments

Code	Name
00403	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use

**Description:** A control number assigned by the interchange sender

ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
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**Description:** Code indicating sender's request for an interchange acknowledgment

Code	Name
1	Interchange Acknowledgment Requested

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Must use

**Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information

Code	Name
P	Production Data
T	Test Data

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Must use

**Description:** 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>

**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> <b>Description:</b> Code identifying a group of application related transaction sets <b>Code Name</b> PO Purchase Order (850)	M	ID	2/2	Must use
GS02	142	<b>Application Sender's Code</b> <b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners <b>(Charming Shoppes Inc.) Note 1: Charming Shoppes Inc. Application Codes</b> Test id. : 054744677T Prod ID : 054744677	M	AN	2/15	Must use
GS03	124	<b>Application Receiver's Code</b> <b>Description:</b> Code identifying party receiving transmission; codes agreed to by trading partners <b>(Charming Shoppes Inc.) Note 1: YOUR APPLICATION ID</b>	M	AN	2/15	Must use
GS04	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	<b>Time</b> <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)	M	TM	4/8	Must use
GS06	28	<b>Group Control Number</b> <b>Description:</b> Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	<b>Responsible Agency Code</b> <b>Description:</b> Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 <b>Code Name</b> X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	<b>Version / Release / Industry Identifier Code</b> <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> 004030 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1999	M	AN	1/12	Must use

### 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:

- 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

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

**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				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 850 selects the Purchase Order Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

# BEG Beginning Segment for Purchase Order

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

**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						
03 Delete						
05 Replace						

**Note 1:**

*Charming Shoppes will not utilize the 860 to send PO changes at this time. Any changes to the original PO will be indicated as deletes or replacement to the original PO.*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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>						
SA Stand Alone Order						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BEG03	324	<b>Purchase Order Number</b>	M	AN	1/10	Must use
<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser						
BEG04	328	<b>Release Number</b>	O	AN	1/30	Must use
<b>Description:</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction						
Number of times the PO has been sent to the Vendor						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BEG05	373	<b>Date</b>	M	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
Number of times the PO has been sent to the Vendor						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BEG06	367	<b>Contract Number</b>	O	AN	1/30	Opt.
<b>Description:</b> Used to determine order type						
<b>Code Name</b>						
CROSSBORDER Indicates PO should be consider International						
DOMESTIC Indicates PO should be consider Domestic						

### Semantics:

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



# REF Reference Identification

Pos: 050	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 2

**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
<b>Description:</b> Code qualifying the Reference Identification						
		<b>Code</b>	<b>Name</b>			
		IA	Internal Vendor Number			
		NB	Letter of Credit Number			
		19	Division Code			
		BT	Batch Number			
		IJ	Facility ID Number			

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF02	127	Reference Identification	X	AN	1/50	Used
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
		<b>Division Code</b>	<b>Name</b>			
		01	Fashion Bug			
		04	Catherine's			
		06	CrossTown Traders Inc.			
		07	Lane Bryant			
		08	Figure Magazine			
		10	Corp INV			
		11	Charming Shoppes Outlet Stores			
		12	Petite Sophisticate, INC.			
		14	Wholesale			
		15	Charming.Com, INC			

**Syntax:**

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

**Semantics:**

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

# FOB F.O.B. Related Instructions

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

**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				
		CC Collect				
		PP Prepaid				
FOB02	309	<b>Location Qualifier</b>	X	ID	2/2	Must use
		<b>Description:</b> Code identifying location				
		<b>Code Name</b>				
		DL Delivery Location				
		CA Country of Origin				
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				
FOB06	309	<b>Location Qualifier</b>	X	ID	2/2	Opt.
		<b>Description:</b> Code identifying location				
		<b>Code Name</b>				
		OR Origin Shipping Point				
FOB07	352	<b>Description</b>	O	AN	1/80	Opt.
		<b>Description:</b> A free-form description to clarify the related data elements and their content				

### Syntax:

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

# SAC SAC Service, Promotion, Allowance or Charge Information

Pos: 120	Max: >1
Heading - Optional	
Loop: SAC	Elements: 3

**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> <b>Description:</b> Code which indicates an allowance or charge for the service specified <b>Code Name</b> A Allowance S Service	M	ID	1/1	Opt
SAC02	378	<b>Service, Promotion, Allowance or Charge Code</b> <b>Description:</b> Code identifying the service, promotion, allowance or charge <b>Code Name</b> C310 Discount C350 Distribution Discount/Allowance B310 Commission Amount	X	ID	1/1	Opt
SAC06	378	<b>Allowance/Charge Percent Qualifier</b> <b>Description:</b> Code identifying on what basic allowance or charge percent is calculated <b>Code Name</b> 2 Item Net Cost	X	ID	1/1	Opt
SAC07	332	<b>Percent</b> <b>Description:</b> Percent expressed as a percent	X	R	1/6	Opt

**Syntax:**

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

# ITD

## Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

**Purpose:** To specify terms of sale.

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Reg</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD12	352	Description	O	AN	1/80	Used

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

### Syntax:

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

# DTM Date/Time Reference

Pos: 150	Max: 5
Heading - Optional	
Loop: N/A	Elements: 2

**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	D	3/3	Must use

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

<u>Code</u>	<u>Name</u>
002	Delivery Requested
001	Cancel Date
037	Ship Not Before
038	Ship No Later
584	Reinstatement

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM02	373	Date	X	DT	8/8	Used

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

**Syntax:**

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

**(Charming Shoppes Inc.) Note 1:** Charming Shoppes Inc. collect vendor's with FOB01 = CC or CD or MX will need to reference the above ship window.

# TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240	Max: 1
Heading - Optional	
Loop: N/A	Elements: 4

**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>
TD504	91	Transportation Method/Type Code	X	AN	1/35	Used
<b>Description:</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity						
<b>Code Name</b>						
<b>One of the following will be sent:</b>						
A Air						
M Motor						
C Consolidation						
S Ocean						

**Syntax:**

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

# N9

## Reference Identification

Pos: 295	Max: 1
Heading - Optional	
Loop: N9	Elements: 3

**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	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification	M	ID	2/3	Opt
		<b>Code Name</b>				
		JH Tag				
		98 Package Specification				
		IA internal Vendor Number				
		ACI Ticket Number				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N902	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	X	AN	1/50	Opt
N903	369	<b>Free-form Description</b> <b>Description:</b> Free-form descriptive text	X	AN	1/45	Opt

### Syntax:

1. R0203 - At least one of N902, N903 is required
2. C0605 - If N906 is present, then all of N905 are required

### Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.



# MTX Message Text

<b>Pos: 300</b>	<b>Max: &gt;1</b>
<b>Loop: N9</b>	<b>Heading - Optional</b>
	<b>Elements: 2</b>

**Purpose:** To specify textual 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>
MTX01	363	<b>Note Reference Code</b> <b>Description:</b> Code qualifying the Reference Identification	O	ID	2/3	Opt
		<b>Code Name</b>				
		INT General Order Instructions				
		PKG Package Instructions				
		OTH Other Instructions				
		LAB Labeling Instructions				
MTX02	933	<b>Message Text</b> <b>Description:</b> To transmit large volumes of message text	X	AN	1/4096	Opt

**Syntax:**

1. C0102 - If MTX01 is present, then all of MTX02 are required
2. C0302 - If MTX03 is present, then all of MTX02 are required
3. C0504 - If MTX05 is present, then all of MTX04 are required

**Semantics:**

1. MTX05 is the number of lines to advance before printing.

**Comments:**

1. If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

# N1

## Name

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

**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> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use
		<b>Code Name</b>				
		BT Bill-to-Party				
		VN Vendor				
		ST Ship To				
		BO Beneficiary				
		CS Consolidator				
		OB Party to Print Ticket				
		R1 Party to Receive Ticket				
		U8 Ticket Bill-to-Party				
		SU Factory 1				
		SUS Factory 2				
		AE Hang Tag				
<b>Ref</b>	<b>Id</b>	<b>Element Name</b>	<b>Req</b>	<b>Type</b>	<b>Min/Max</b>	<b>Usage</b>
N102	93	<b>Name</b> <b>Description:</b> Free-form name	X	AN	1/60	Used
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)	X	ID	1/2	Used
		<b>Code Name</b>				
		1 D-U-N-S Number, Dun & Bradstreet				
		9 D-U-N-S+2, D-U-N-S Number with Two Character Suffix				
		53 Building				
		56 Division				
		FA Facility Identification				
		92 Assigned by Buyer or Buyer's Agent				
<b>Ref</b>	<b>Id</b>	<b>Element Name</b>	<b>Req</b>	<b>Type</b>	<b>Min/Max</b>	<b>Usage</b>
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code <b>(Charming Shoppes Inc.) Note 1: Charming Shoppes Inc. D&amp;B Number is 054744677</b>	X	AN	2/80	Used

### Syntax:

- R0203 - At least one of N102, N103 is required
- P0304 - If either N103, N104 is present, then all are required

### Comments:

- 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.
- N105 and N106 further define the type of entity in N101.

# N3

## Address Information

Pos: 330	Max: 2
Heading - Optional	
Loop: N1	Elements: 1

**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> <b>Description:</b> Address information	M	AN	1/55	Must use
N302	166	<b>Address Information</b> <b>Description:</b> Address information	O	AN	1/55	Must use

# N4

## Geographic Location

<b>Pos:</b> 340	<b>Max:</b> 1
<b>Loop:</b> N1	<b>Heading - Optional</b> <b>Elements:</b> 4

**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> <b>Description:</b> Free-form text for city name	O	AN	2/30	Used
N402	156	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Used
N403	116	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used
N404	26	<b>Country Code</b> <b>Description:</b> Code identifying the country	X	ID	2/3	Used
N405	309	<b>Location Qualifier</b> <b>Description:</b> Code identifying the country	X	ID	1/2	Opt.
N406	310	<b>Code Name</b> FR Manufacture ID <b>Location Identifier</b> <b>Description:</b> Code identifying the manufacture	O	ID	2/3	Opt.

### Syntax:

1. E0207 - Only one of N402, N407 may be presented
2. C0605 - If N406 is present, then all of N405 are required
3. C0704 - If N407 is present, then all of N404 are 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.

# PO1 Baseline Item Data

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Detail - Mandatory</b>	
<b>Loop: PO1</b>	<b>Elements: 11</b>

**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 Merchandise Serial Number (MSN is Charming Shoppes Reference Number)						

**Syntax:**

1. C0302 - If PO103 is present, then all of PO102 are required
2. C0504 - If PO105 is present, then all of PO104 are required
3. P0607 - If either PO106, PO107 is present, then all are required
4. P0809 - If either PO108, PO109 is present, then all are required
5. P1011 - If either PO110, PO111 is present, then all are required
6. P1213 - If either PO112, PO113 is present, then all are required
7. P1415 - If either PO114, PO115 is present, then all are required
8. P1617 - If either PO116, PO117 is present, then all are required
9. P1819 - If either PO118, PO119 is present, then all are required
10. P2021 - If either PO120, PO121 is present, then all are required
11. P2223 - If either PO122, PO123 is present, then all are required
12. P2425 - If either PO124, PO125 is present, then all are required

**Comments:**

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.

# SLN Subline Item Details

Pos: 470	Max: 1
Detail - Optional	
Loop: PO1/SLN	Elements: 28

Purpose: To specify pricing information

### Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN01	350	<b>Assign Identification</b> PO Line Number	M	AN	1/11	Used
SLN03	662	<b>Configuration Code</b> Code          Name I                Included D                Deleted	M	ID	1/1	Used
SLN04	380	<b>Quantity</b> Number of pieces in bundle or carton	X	R	1/15	Used
SLN05	355	<b>Unit or Basis for Measurement Code</b> Code          Name EA          Eaches	X	ID	2/2	Used
SLN09	235	<b>Product/Service ID Qualifier</b> Code          Name BO          Buyers Color	X	ID	2/2	Used
SLN10	234	<b>Product/Service ID</b>	X	R	1/30	Used
SLN11	235	<b>Product/Service ID Qualifier</b> Code          Name IT          Buyers Style Number	X	ID	2/2	Used
SLN12	234	<b>Product/Service ID</b>	X	R	1/30	Used
SLN13	235	<b>Product/Service ID Qualifier</b> Code          Name IZ          Buyers Size Code	X	ID	2/2	Used
SLN14	234	<b>Product/Service ID</b>	X	R	1/30	Used
SLN15	235	<b>Product/Service ID Qualifier</b> Code          Name <b>One of the following will be sent:</b> OT          Internal Number UP          UPC	X	ID	2/2	Used
SLN16	234	<b>Product/Service ID</b>	X	R	1/30	Used
SLN17	235	<b>Product/Service ID Qualifier</b> Code          Name VA          Vendor's Style Number	X	ID	2/2	Used
SLN18	234	<b>Product/Service ID</b>	X	R	1/30	Used
SLN19	235	<b>Product/Service ID Qualifier</b> Code          Name SK          Stock Keeping Unit	X	ID	2/2	Used
SLN20	234	<b>Product/Service ID</b>	X	R	1/30	Used
SLN21	235	<b>Product/Service ID Qualifier</b> Code          Name PQ          Attribute Code	X	ID	2/2	Opt
SLN22	234	<b>Product/Service ID</b>	X	R	1/30	Opt
SLN23	235	<b>Product/Service ID Qualifier</b> Code          Name PQ          Attribute Code	X	ID	2/2	Opt
SLN24	234	<b>Product/Service ID</b>	X	R	1/30	Opt

# PID Product/Item Description

<b>Pos: 490</b>	<b>Max: 1000</b>
<b>Detail - Optional</b>	
<b>Loop: SLN</b>	<b>Elements: 3</b>

**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> <b>Description:</b> Code indicating the format of a description	M	ID	1/1	Must use
		<b>Code Name</b> F Free-form				
PID02	750	<b>Product/Process Characteristic Code</b> <b>Description:</b> Code indicating the format of a description	O	ID	2/3	Must use
		<b>Code Name</b> 08 Product 75 Buyer Color Description 91 Buyer's Item Size Description GEN General Description GM General Merchandise				
PID05	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	X	AN	1/80	Used

### Syntax:

1. C0403 - If PID04 is present, then all of PID03 are required
2. R0405 - At least one of PID04, PID05 is required
3. C0703 - If PID07 is present, then all of PID03 are required
4. C0804 - If PID08 is present, then all of PID04 are required
5. C0905 - If PID09 is present, then all of PID05 are required

### Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

### 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.

# TC2 Commodity

<b>Pos:</b> 505	<b>Max:</b> >1
<b>Detail - Optional</b>	
<b>Loop:</b> SLN	<b>Elements:</b> 4

**Purpose:** To identify a commodity or a group of commodities or a tariff page commodity.

**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>
TC201	23	<b>Commodity Code Qualifier</b>	M	ID	1/1	Opt
<b>Description:</b> Code identifying the commodity coding system used for Commodity Code						
		<b>Code</b>	<b>Name</b>			
		Q	Quota Category			
		J	Harmonized Code System (United States)			
TC202	22	<b>Commodity Code</b>	M	AN	1/30	Opt
<b>Description:</b> Code describing a commodity or group of commodities						



# DTM Date/Time Reference

Pos: 515	Max: 3
Detail - Optional	
Loop: SLN	Elements: 2

**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	<b>Date/Time Qualifier</b>	M	D	3/3	Must use
<b>Description:</b> Code specifying type of date or time, or both date and time						
		<b>Code</b>	<b>Name</b>			
		001	Cancel Date			
		106	Hang Tag Required By			
		584	Reinstatement			

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM02	373	<b>Date</b>	X	DT	8/8	Used
<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						

## Syntax:

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

**(Charming Shoppes Inc.) Note 1:** Charming Shoppes Inc. collect vendor's with FOB01 = CC or CD or MX will need to reference the above ship window.

# CTP Pricing Information

Pos: 0528	Max: >1
Detail - Optional	
Loop: SAC	Elements: 2

**Purpose:** To specify pricing 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>
CTP02	236	<b>Price Identifier Code</b>	X	ID	3/3	Used
<b>Description:</b> Code identifying pricing specification						
		<b>Code Name</b>				
		RTL Retail				
		ELC Estimated Landed Cost				
		FCP First Cost				
		UCP Unit Cost Price				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP03	212	<b>Unit Price</b>	X	R	1/17	Used
<b>Description:</b> Price per unit of product, service, commodity, etc.						

**Syntax:**

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

# PO4 Item Physical Details

<b>Pos: 518</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: SLN</b>	<b>Elements: 4</b>

**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>
PO401	356	<b>Pack</b> <b>Description:</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container <b>(Charming Shoppes Inc.) Note 1: Master Pack</b>	O	N0	1/6	Used
PO402	357	<b>Size</b> <b>Description:</b> Size of supplier units in pack	X	R	1/8	Used
PO403	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	X	ID	2/2	Used
		<b>Code Name</b>				
		EA Each				
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO414	810	<b>Inner Pack</b> <b>Description:</b> The number of eaches per inner container	O	N0	1/6	Used

## Syntax:

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

# N9

## Reference Identification

Pos: 523	Max: 1
Detail - Optional	
Loop: N9	Elements: 3

**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	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification	M	ID	2/3	Must use
		<b>Code Name</b>				
		98 Packing Specifications				
		JH Tag				
		2I Tracking Number				
		ACI Ticket Number				
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N902	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	X	AN	1/50	Used
N903	369	<b>Free-form Description</b> <b>Description:</b> Free-form descriptive text	X	AN	1/45	Used

### Syntax:

1. R0203 - At least one of N902, N903 is required
2. C0605 - If N906 is present, then all of N905 are required

### Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

# MTX Message Text

Pos: 525	Max: >1
Loop: N9	Detail - Optional
	Elements: 2

**Purpose:** To specify textual 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>
MTX01	363	<b>Note Reference Code</b> <b>Description:</b> Code qualifying the Reference Identification	M	ID	2/3	Must use
		<b>Code Name</b>				
		INT General Order Instructions				
		PKG Package Instructions				
		OTH Other Instructions				
		LAB Labeling Instructions				
MTX02	933	<b>Message Text</b> <b>Description:</b> To transmit large volumes of message text	X	AN	1/4096	Used
MTX03	933	<b>Message Text</b> <b>Description:</b> To transmit large volumes of message text	O	AN	1/4096	Used

**Syntax:**

1. C0102 - If MTX01 is present, then all of MTX02 are required
2. C0302 - If MTX03 is present, then all of MTX02 are required
3. C0504 - If MTX05 is present, then all of MTX04 are required

**Semantics:**

1. MTX05 is the number of lines to advance before printing.

**Comments:**

1. If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

# CTT Transaction Totals

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Summary - Optional</b>	
<b>Loop: CTT</b>	<b>Elements: 2</b>

**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	<b>Number of Line Items</b> <b>Description:</b> Total number of line items in the transaction set	M	N0	1/6	Must use
CTT02	347	<b>Hash Total</b> <b>Description:</b> 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	O	R	1/10	Used

**Syntax:**

1. P0304 - If either CTT03, CTT04 is present, then all are required
2. P0506 - If either CTT05, CTT06 is present, then all are required

**Comments:**

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

**SE****Transaction Set Trailer**

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

**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	N0	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:**

1. 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>

**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:

- 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:

- 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

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

**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	116	<b>Number of Included Functional Groups</b>	M	N0	1/5	Must use
		<b>Description:</b> A count of the number of functional groups included in an interchange				
IEA02	112	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender				