

# **Core-Mark 855 Purchase Order Acknowledgment**

**X12/V5010/855: 855 Purchase Order Acknowledgment**

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# 855 Purchase Order Acknowledgment

Functional Group=**PR**

**Purpose:** This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

## General Usage:

All orders must be acknowledged with a Purchase Order Acknowledgement (855) transmitted **within 48 hours**(2 business days) of receipt.

Suppliers will be required to send a Purchase Order Acknowledgment for each PO.

## 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>
0100	ST	Transaction Set Header	M	1			Must use
0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
0500	REF	Reference Information	M	3			Must use
0600	PER	Administrative Communications Contact	O	1			Used
0800	FOB	F.O.B. Related Instructions	O	1			Used
<b>LOOP ID - SAC</b>					<b>25</b>		
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
1500	DTM	Date/Time Reference	M	3			Must use
<b>LOOP ID - N9</b>					<b>1</b>		
2800	N9	Extended Reference Information	C	1			Used
2900	MTX	Text	C	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>
<b>LOOP ID - PO1</b>					<b>100000</b>	<b>N2/0100L</b>	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
0400	CTP	Pricing Information	O	1			Used
<b>LOOP ID - PID</b>					<b>2</b>		
0500	PID	Product/Item Description	M	1			Must use
0900	PO4	Item Physical Details	O	1			Used
<b>LOOP ID - SAC</b>					<b>25</b>		
1300	SAC	Service, Promotion, Allowance, or Charge	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>
		Information					
<b><u>LOOP ID - ACK</u></b>					<b><u>104</u></b>		
2700	ACK	Line Item Acknowledgment	M	1			Must use
<b><u>LOOP ID - N9</u></b>					<b><u>1</u></b>		
3500	N9	Extended Reference Information	C	1			Used
3600	MTX	Text	C	1			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><u>LOOP ID - CTT</u></b>					<b><u>1</u></b>	<b><u>N3/0100L</u></b>	
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0300	SE	Transaction Set Trailer	M	1			Must use

**Notes:**

- 2/0100L PO102 is required.
- 2/0100 PO102 is required.
- 3/0100L 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.
- 3/0100 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.

# ST Transaction Set Header

<b>Pos: 0100</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**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	Transaction Set Identifier Code	M	ID	3/3	Must use

**Description:** Code uniquely identifying a Transaction Set

**CodeList Summary** (Total Codes: 318, Included: 1)

Code Name

855 Purchase Order Acknowledgment

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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**Description:** 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., 810 selects the Invoice 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. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

# BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 0200      Max: 1  
 Heading - Mandatory  
 Loop: N/A      Elements: 6

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

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

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK01	353	Transaction Set Purpose Code	M	ID	2/2	Must use

**Description:** Code identifying purpose of transaction set

**CodeList Summary** (Total Codes: 66, Included: 1)

**Code Name**

00 Original

BAK02	587	Acknowledgment Type	M	ID	2/2	Must use
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**Description:** Code specifying the type of acknowledgment

**CodeList Summary** (Total Codes: 15, Included: 3)

**Code Name**

AC Acknowledge - With Detail and Change

**User Note 1:**

*Used when the PO is accepted, but there are changes to some or all items.*

AD Acknowledge - With Detail, No Change

**User Note 1:**

*Used when all items are accepted. All ACK01 values must contain IA.*

RD Reject with Detail

**User Note 1:**

*Used when all items are rejected. All ACK01 values must contain IR.*

BAK03	324	Purchase Order Number	M	AN	1/22	Must use
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**Description:** Identifying number for Purchase Order assigned by the orderer/purchaser

BAK04	373	Date	M	DT	8/8	Must use
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

**User Note 1:** *Purchase Order Date*

BAK05	328	Release Number	O	AN	1/30	Used
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**Description:** Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

**User Note 1:** *Not used by Core-Mark. Included in spec as other PFG segments utilize.*

BAK09	373	Date	M	DT	8/8	Must use
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		the calendar year				
		<b>User Note 1:</b> <i>PO Acknowledgement Date</i>				

**Semantics:**

1. BAK04 is the date assigned by the purchaser to purchase order.
2. BAK08 is the seller's order number.
3. BAK09 is the date assigned by the sender to the acknowledgment.

# REF Reference Information

Pos: 0500	Max: 3
Heading - Mandatory	
Loop: N/A	Elements: 2

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

**Purpose:** To specify identifying information

## Element Summary:

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

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1731, Included: 3)

### Code Name

19 Division Identifier

#### **User Note 1:**

*Optional - Recommended to send if provided on the Purchase Order*

*Core-Mark assigned division number*

CO Customer Order Number

#### **User Note 1:**

*Required if present on the Purchase Order*

IA Internal Vendor Number

#### **User Note 1:**

*Mandatory - Core-Mark assigned Vendor ID*

REF02	127	Reference Identification	M	AN	1/50	Must use
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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.

# PER Administrative Communications Contact

<b>Pos: 0600</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 6</b>

**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>CodeList Summary</b> (Total Codes: 238, Included: 1)						
<b><u>Code</u> <u>Name</u></b>						
IC Information Contact						
PER02	93	<b>Name</b>	O	AN	1/60	Used
<b>Description:</b> Free-form name						
PER03	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type of communication number						
<b>CodeList Summary</b> (Total Codes: 42, Included: 2)						
<b><u>Code</u> <u>Name</u></b>						
EM Electronic Mail						
TE Telephone						
PER04	364	<b>Communication Number</b>	X	AN	1/256	Used
<b>Description:</b> Complete communications number including country or area code when applicable						
PER05	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type of communication number						
<b>CodeList Summary</b> (Total Codes: 42, Included: 2)						
<b><u>Code</u> <u>Name</u></b>						
EM Electronic Mail						
TE Telephone						
PER06	364	<b>Communication Number</b>	X	AN	1/256	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.



# FOB F.O.B. Related Instructions

Pos: 0800	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

**User Option (Usage):** Used

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

## User Note 1:

*If either FOB02 or FOB03 are present, both are required.*

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	Shipment Method of Payment	M	ID	2/2	Must use

**Description:** Code identifying payment terms for transportation charges

**CodeList Summary** (Total Codes: 31, Included: 3)

### Code Name

CC	Collect
PB	Customer Pickup/Backhaul
PP	Prepaid (by Seller)

FOB02	309	Location Qualifier	X	ID	1/2	Used
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**Description:** Code identifying type of location

**CodeList Summary** (Total Codes: 184, Included: 2)

### Code Name

DE	Destination (Shipping)
OR	Origin (Shipping Point)

FOB03	352	Description	O	AN	1/80	Used
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**Description:** 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.
5. P0203 - If either FOB02 or FOB03 is present, then the other 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.

# Loop Service, Promotion, Allowance, or Charge Information

Pos: 1200 Repeat: 25  
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

## User Note 1:

*If Header level SAC charges and/or allowances are sent on the Purchase Order (EDI 850), please return on the PO Acknowledgement (EDI 855) as confirmation.*

## 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>
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 1200 Max: 1  
 Heading - Optional  
 Loop: SAC Elements: 7

**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>CodeList Summary</b> (Total Codes: 7, Included: 2)						
<b><u>Code</u> <u>Name</u></b>						
A Allowance						
C Charge						
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	M	ID	4/4	Must use
<b>Description:</b> Code identifying the service, promotion, allowance, or charge						
<b>CodeList Summary</b> (Total Codes: 1090, Included: 8)						
<b><u>Code</u> <u>Name</u></b>						
D170 Free Goods						
F670 Price and Marketing Allowance						
F800 Promotional Allowance						
F810 Promotional Discount						
H000 Special Allowance						
H970 Terms Allowance						
I250 Transportation Charge (Minimum Rate)						
I500 Vendor Freight						
SAC05	610	<b>Amount</b>	M	N2	1/15	Must use
<b>Description:</b> Monetary amount						
SAC08	118	<b>Rate</b>	M	R	1/9	Must use
<b>Description:</b> Rate expressed in the standard monetary denomination for the currency specified						
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>CodeList Summary</b> (Total Codes: 22, Included: 1)						
<b><u>Code</u> <u>Name</u></b>						
02 Off Invoice						
SAC13	127	<b>Reference Identification</b>	X	AN	1/50	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

SAC15	352	<b>Description</b>	O	AN	1/80	Used
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**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. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.
8. R0507 - At least one of SAC05 or SAC07 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 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.

# DTM Date/Time Reference

Pos: 1500	Max: 3
Heading - Mandatory	
Loop: N/A	Elements: 2

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

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

## User Note 1:

*Header level date is required. If line items differ, use ACK segment to outline date for that specific line 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>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

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

**CodeList Summary** (Total Codes: 1280, Included: 3)

### Code Name

067 Current Schedule Delivery

#### **User Note 1:**

*Conditional - Current Scheduled Delivery or Requested Pickup is required*

068 Current Schedule Ship

#### **User Note 1:**

*Optional*

118 Requested Pickup

#### **User Note 1:**

*Conditional - Current Scheduled Delivery or Requested Pickup is required*

DTM02	373	Date	M	DT	8/8	Must use
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

## 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.

# Loop Extended Reference Information

Pos: 2800	Repeat: 1
Optional	
Loop: N9	Elements: N/A

**User Option (Usage):** Used

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

## User Note 1:

*If the Purchase Order (EDI 850) is being rejected in full (BAK02=RD) a note as to why is recommended.*

*If notes are sent, both N9 and MTX segments are required::*

*N9\*L1\*GEN*

*MTX\*\*Note Here*

## 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>
2800	N9	Extended Reference Information	C	1		Used
2900	MTX	Text	C	1		Used

# N9 Extended Reference Information

Pos: 2800	Max: 1
Heading - Conditional	
Loop: N9	Elements: 2

**User Option (Usage):** Used

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

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1731, Included: 1)

**Code Name**

L1 Letters or Notes

N902	127	Reference Identification	M	AN	1/50	Must use
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**User Note 1:**

*N902 will contain one of the following 3 characters codes to identify the type of note to follow in MTX02.*

*. GEN: General Note*

## Syntax Rules:

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

## Semantics:

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

# MTX    Text

Pos: 2900	Max: 1
Heading - Conditional	
Loop: N9	Elements: 1

User Option (Usage): Used  
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>
MTX02	1551	Textual Data	M	AN	1/4096	Must use

Description: To transmit large volumes of message text

Syntax Rules:

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



# Loop Baseline Item Data

Pos: 0100 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>
0100	PO1	Baseline Item Data	M	1		Must use
0400	CTP	Pricing Information	O	1		Used
0500		Loop PID	M		2	Must use
0900	PO4	Item Physical Details	O	1		Used
1300		Loop SAC	O		25	Used
2700		Loop ACK	M		104	Must use
3500		Loop N9	O		1	Used

# PO1 Baseline Item Data

<b>Pos: 0100</b>	<b>Max: 1</b>
<b>Detail - Mandatory</b>	
<b>Loop: PO1</b>	<b>Elements: 13</b>

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

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

## User Note 1:

*One of Core-Mark SKU (SK), Vendor Part Number (VN), UPC (UA) or GTIN (UK) must be returned as sent on the Purchase Order*

*Recommended to send all part numbers received back on the 855*

## 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	Assigned Identification	M	AN	1/20	Must use																
Description: Alphanumeric characters assigned for differentiation within a transaction set																						
User Note 1: Return as sent on the Purchase Order																						
PO102	380	Quantity	M	R	1/15	Must use																
Description: Numeric value of quantity																						
PO103	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																						
CodeList Summary (Total Codes: 844, Included: 7)																						
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>BX</td><td>Box</td></tr><tr><td>CA</td><td>Case</td></tr><tr><td>CT</td><td>Carton</td></tr><tr><td>EA</td><td>Each</td></tr><tr><td>KG</td><td>Kilogram</td></tr><tr><td>LB</td><td>Pound</td></tr><tr><td>PK</td><td>Package</td></tr></table>							<u>Code</u>	<u>Name</u>	BX	Box	CA	Case	CT	Carton	EA	Each	KG	Kilogram	LB	Pound	PK	Package
<u>Code</u>	<u>Name</u>																					
BX	Box																					
CA	Case																					
CT	Carton																					
EA	Each																					
KG	Kilogram																					
LB	Pound																					
PK	Package																					
PO104	212	Unit Price	M	R	1/17	Must use																
Description: Price per unit of product, service, commodity, etc.																						
User Note 1: If ACK01=IP, then the new net price for this item must be sent in PO104.																						
The price sent in the 855 Purchase Order Acknowledgment MUST be based on the same base price unit of measure that was sent on the Purchase Order.																						
PO105	639	Basis of Unit Price Code	O	ID	2/2	Used																
Description: Code identifying the type of unit price for an item																						
User Note 1: PO105 should be provided if available.																						
CodeList Summary (Total Codes: 91, Included: 3)																						
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>PE</td><td>Price per Each</td></tr><tr><td>PP</td><td>Price per Pound</td></tr></table>							<u>Code</u>	<u>Name</u>	PE	Price per Each	PP	Price per Pound										
<u>Code</u>	<u>Name</u>																					
PE	Price per Each																					
PP	Price per Pound																					

		<b><u>Code</u> <u>Name</u></b>				
		UM Price per Unit of Measure				
PO106	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>CodeList Summary</b> (Total Codes: 519, Included: 4)				
		<b><u>Code</u> <u>Name</u></b>				
		SK Stock Keeping Unit (SKU)				
		<b>User Note 1:</b> Core-Mark assigned SKU				
		UA U.P.C./EAN Case Code (2-5-5)				
		UK GTIN 14-digit Data Structure				
		VN Vendor's (Seller's) Item Number				
PO107	234	<b>Product/Service ID</b>	M	AN	1/48	Must use
		<b>Description:</b> Identifying number for a product or service				
PO108	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>CodeList Summary</b> (Total Codes: 519, Included: 4)				
		<b><u>Code</u> <u>Name</u></b>				
		SK Stock Keeping Unit (SKU)				
		<b>User Note 1:</b> Core-Mark assigned SKU				
		UA U.P.C./EAN Case Code (2-5-5)				
		UK GTIN 14-digit Data Structure				
		VN Vendor's (Seller's) Item Number				
PO109	234	<b>Product/Service ID</b>	X	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				
PO110	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>CodeList Summary</b> (Total Codes: 519, Included: 4)				
		<b><u>Code</u> <u>Name</u></b>				
		SK Stock Keeping Unit (SKU)				
		<b>User Note 1:</b> Core-Mark assigned SKU				
		UA U.P.C./EAN Case Code (2-5-5)				
		UK GTIN 14-digit Data Structure				
		VN Vendor's (Seller's) Item Number				
PO111	234	<b>Product/Service ID</b>	X	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO112	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 519, Included: 4)

**Code Name**

SK Stock Keeping Unit (SKU)

**User Note 1:**

*Core-Mark assigned SKU*

UA U.P.C./EAN Case Code (2-5-5)

UK GTIN 14-digit Data Structure

VN Vendor's (Seller's) Item Number

PO113	234	<b>Product/Service ID</b>	X	AN	1/48	Used
-------	-----	---------------------------	---	----	------	------

**Description:** 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.

### Semantics:

1. PO102 is quantity ordered.

### 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.

# CTP Pricing Information

Pos: 0400	Max: 1
Detail - Optional	
Loop: PO1	Elements: 1

**User Option (Usage):** Used

**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>
CTP08	782	<b>Monetary Amount</b>	O	R	1/18	Used

**Description:** Monetary amount

**User Note 1:** *Extended Item Total (price\*qty)*

## 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.

Loop Product/Item Description

Pos: 0500Repeat: 2

Mandatory

Loop: PIDElements: N/A

User Option (Usage): Must use

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

User Note 1:

One iteration of the PID for the Product Description (PID05, when PID01=F and PID02=08) is required.

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	M	1		Must use

# PID Product/Item Description

<b>Pos: 0500</b>	<b>Max: 1</b>
<b>Detail - Mandatory</b>	
<b>Loop: PID</b>	<b>Elements: 3</b>

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

**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	Item Description Type	M	ID	1/1	Must use				
Description: Code indicating the format of a description										
CodeList Summary (Total Codes: 3, Included: 1)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>F</td><td>Free-form</td></tr></table>							<u>Code</u>	<u>Name</u>	F	Free-form
<u>Code</u>	<u>Name</u>									
F	Free-form									
PID02	750	Product/Process Characteristic Code	M	ID	2/3	Must use				
Description: Code identifying the general class of a product or process characteristic										
CodeList Summary (Total Codes: 238, Included: 1)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>08</td><td>Product</td></tr></table>							<u>Code</u>	<u>Name</u>	08	Product
<u>Code</u>	<u>Name</u>									
08	Product									
PID05	352	Description	M	AN	1/80	Must use				
Description: A free-form description to clarify the related data elements and their content										

## Syntax Rules:

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

# PO4 Item Physical Details

Pos: 0900	Max: 1
Detail - Optional	
Loop: PO1	Elements: 1

**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>
PO401	356	Pack	O	N0	1/6	Used

**Description:** The number of inner containers, or number of eaches if there are no inner containers, per outer 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 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.



# Loop Service, Promotion, Allowance, or Charge Information

Pos: 1300Repeat: 25  
Optional  
Loop: SACElements: 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

User Note 1:

*If Detail level SAC charges and/or allowances are sent on the Purchase Order (EDI 850), please return on the PO Acknowledgement (EDI 855) as confirmation.*

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 1300 Max: 1  
Detail - Optional  
Loop: SAC Elements: 6

**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	Allowance or Charge Indicator	M	ID	1/1	Must use

**Description:** Code which indicates an allowance or charge for the service specified

**CodeList Summary** (Total Codes: 7, Included: 1)

Code Name

A Allowance

SAC02	1300	Service, Promotion, Allowance, or Charge Code	M	ID	4/4	Must use
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**Description:** Code identifying the service, promotion, allowance, or charge

**CodeList Summary** (Total Codes: 1090, Included: 2)

Code Name

F800 Promotional Allowance

H000 Special Allowance

SAC05	610	Amount	M	N2	1/15	Must use
-------	-----	--------	---	----	------	----------

**Description:** Monetary amount

SAC08	118	Rate	M	R	1/9	Must use
-------	-----	------	---	---	-----	----------

**Description:** Rate expressed in the standard monetary denomination for the currency specified

SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2	Used
-------	-----	---	---	----	-----	------

**Description:** Code indicating method of handling for an allowance or charge

**CodeList Summary** (Total Codes: 22, Included: 1)

Code Name

02 Off Invoice

SAC15	352	Description	O	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. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.
8. R0507 - At least one of SAC05 or SAC07 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 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.

# Loop Line Item Acknowledgment

Pos: 2700Repeat: 104  
Mandatory  
Loop: ACKElements: N/A

User Option (Usage): Must use  
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

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>
2700	ACK	Line Item Acknowledgment	M	1		Must use

# ACK Line Item Acknowledgment

Pos: 2700	Max: 1
Detail - Mandatory	
Loop: ACK	Elements: 5

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

**Purpose:** To acknowledge the ordered quantities and specify the ready date for a specific line item

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK01	668	Line Item Status Code	M	ID	2/2	Must use

**Description:** Code specifying the action taken by the seller on a line item requested by the buyer

**CodeList Summary** (Total Codes: 26, Included: 6)

### Code Name

DR	Item Accepted - Date Rescheduled
IA	Item Accepted
IB	Item Backordered
IP	Item Accepted - Price Changed
IQ	Item Accepted - Quantity Changed
IR	Item Rejected

ACK02	380	Quantity	C	R	1/15	Used
-------	-----	----------	---	---	------	------

**Description:** Numeric value of quantity

**User Note 1:** When ACK01= DR, IB or IQ then ACK02 and ACK03 are required.

ACK03	355	Unit or Basis for Measurement Code	C	ID	2/2	Used
-------	-----	------------------------------------	---	----	-----	------

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

**User Note 1:** When ACK01= DR, IB or IQ then ACK02 and ACK03 are required.

**CodeList Summary** (Total Codes: 844, Included: 7)

### Code Name

BX	Box
CA	Case
CT	Carton
EA	Each
KG	Kilogram
LB	Pound
PK	Package

ACK04	374	Date/Time Qualifier	C	ID	3/3	Used
-------	-----	---------------------	---	----	-----	------

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

**User Note 1:** When ACK01= DR or IB, then ACK04 and ACK05 are required.

**CodeList Summary** (Total Codes: 1280, Included: 2)

### Code Name

067	Current Schedule Delivery
118	Requested Pickup

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ACK05	373	Date	C	DT	8/8	Used

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

**User Note 1:** When ACK01= DR or IB, then ACK04 and ACK05 are required.

### Syntax Rules:

1. P0203 - If either ACK02 or ACK03 is present, then the other is required.
2. C0405 - If ACK04 is present, then ACK05 is required.
3. P0708 - If either ACK07 or ACK08 is present, then the other is required.
4. P0910 - If either ACK09 or ACK10 is present, then the other is required.
5. P1112 - If either ACK11 or ACK12 is present, then the other is required.
6. P1314 - If either ACK13 or ACK14 is present, then the other is required.
7. P1516 - If either ACK15 or ACK16 is present, then the other is required.
8. P1718 - If either ACK17 or ACK18 is present, then the other is required.
9. P1920 - If either ACK19 or ACK20 is present, then the other is required.
10. P2122 - If either ACK21 or ACK22 is present, then the other is required.
11. P2324 - If either ACK23 or ACK24 is present, then the other is required.
12. P2526 - If either ACK25 or ACK26 is present, then the other is required.
13. P2728 - If either ACK27 or ACK28 is present, then the other is required.
14. C282729 - If ACK28 is present, then ACK27 and ACK29 are required.
15. P0405 - If either ACK04 or ACK05 is present, then the other is required.

### Semantics:

1. ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

# Loop Extended Reference Information

Pos: 3500 Repeat: 1  
Optional  
Loop: N9 Elements: N/A

**User Option (Usage):** Used

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

## User Note 1:

*If Acknowledgment Type (BAK02 = AC) and the item is being rejected (ACK01 =IR) a note as to why is recommended..*

*If notes are sent, both N9 and MTX segments are required::*

*N9\*L1\*GEN*

*MTX\*\*Note Here*

## 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>
3500	N9	Extended Reference Information	C	1		Used
3600	MTX	Text	C	1		Used

# N9 Extended Reference Information

<b>Pos: 3500</b>	<b>Max: 1</b>
<b>Detail - Conditional</b>	
<b>Loop: N9</b>	<b>Elements: 2</b>

**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

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1731, Included: 1)

**Code Name**

L1 Letters or Notes

N902	127	Reference Identification	X	AN	1/50	Used
------	-----	--------------------------	---	----	------	------

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**User Note 1:**

*N902 will contain one of the following 3 characters codes to identify the type of note to follow in MTX02.*

*. GEN: General Note*

## Syntax Rules:

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

## Semantics:

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



# MTX Text

Pos: 3600	Max: 1
Detail - Conditional	
Loop: N9	Elements: 1

**User Option (Usage):** Used

**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>
MTX02	1551	Textual Data	M	AN	1/4096	Must use

**Description:** To transmit large volumes of message text

## Syntax Rules:

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

Loop Transaction Totals

Pos: 0100Repeat: 1

Optional

Loop: CTTElements: 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>
0100	CTT	Transaction Totals	O	1		Used

# CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

**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

**Description:** Total number of line items in the transaction set

## 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.

SE Transaction Set Trailer

Pos: 0300

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	Number of Included Segments	M	N0	1/10	Must use
Description: Total number of segments included in a transaction set including ST and SE segments						
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
Description: 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.