# 850 Purchase Order

<div align="right">

**Functional Group ID=PO**

</div>

## Introduction:

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.

## Notes:

Version 1.1 changes to specifications dated May 24, 2004

ISS02 and ISS04 have been added

Version 1.2 changes to specifications dated June 14, 2004

ISS05 and ISS06 information has been added.
GS08 information has been added.
Information has been added for N102 where N101 = ST

Version 1.3 changes to specifications dated November 15, 2004

N901 has been changed to AH
N902 has been added  and contains the Purchase Order Number

## Heading:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| | 0010 | ISA | Interchange Control Header | O | 1 | | |
| | 0020 | GS | Functional Group Header | O | 1 | | |
| M | 0100 | ST | Transaction Set Header | M | 1 | | |
| M | 0200 | BEG | Beginning Segment for Purchase Order | M | 1 | | |
| | 0400 | CUR | Currency | O | 1 | | |
| | 0500 | REF | Reference Identification | O | >1 | | |
| | 0600 | PER | Administrative Communications Contact | O | 3 | | |
| | 0800 | FOB | F.O.B. Related Instructions | O | >1 | | |
| | 1100 | CSH | Sales Requirements | O | 5 | | |
| | | | LOOP ID - SAC | | | 25 | |
| | 1200 | SAC | Service, Promotion, Allowance, or Charge Information | O | 1 | | |
| M | 1300 | ITD | Terms of Sale/Deferred Terms of Sale | M | >1 | | |

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| | 1500 | DTM | Date/Time Reference | O | 10 | | |
| | 2400 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | >1 | | |
| | | | LOOP ID - N9 | | | 1000 | |
| | 2950 | N9 | Reference Identification | O | 1 | | |
| | 3000 | MTX | Text | O | >1 | | |
| | | | LOOP ID - N1 | | | 200 | |
| | 3100 | N1 | Name | O | 1 | | |
| | 3300 | N3 | Address Information | O | 2 | | |
| | 3400 | N4 | Geographic Location | O | >1 | | |

## Detail:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| | | | LOOP ID - PO1 | | | 100000 | |
| M | 0100 | PO1 | Baseline Item Data | M | 1 | | n1 |
| | | | LOOP ID - PID | | | 1000 | |
| | 0500 | PID | Product/Item Description | O | 1 | | |
| M | 0510 | PID | Product/Item Description | M | 1 | | |

## Summary:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| | | | LOOP ID - CTT | | | 1 | |
| | 0100 | CTT | Transaction Totals | O | 1 | | n2 |
| | 0200 | AMT | Monetary Amount | O | 1 | | n3 |
| M | 0300 | SE | Transaction Set Trailer | M | 1 | | |
| | 0310 | GE | Functional Group Trailer | O | 1 | | |
| | 0305 | IEA | Interchange Control Trailer | O | 1 | | |

## Transaction Set Notes

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

| | Segment: | **ISA** Interchange Control Header |
|---|---|---|
| | **Position:** | 0010 |
| | **Loop:** | |
| | **Level:** | Heading |
| | **Usage:** | Optional |
| | **Max Use:** | 1 |
| | **Purpose:** | To start and identify an interchange of zero or more functional groups and interchange-related control segments |
| | **Syntax Notes:** | |
| | **Semantic Notes:** | |
| | **Comments:** | |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | ISA01 | I01 | **Authorization Information Qualifier** | M | 1 | ID 2/2 |

Code identifying the type of information in the Authorization Information

    00              No Authorization Information Present (No Meaningful
                    Information in I02)

| | | | | | | |
|---|---|---|---|---|---|---|
| M | ISA02 | I02 | **Authorization Information** | M | 1 | AN 10/10 |

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)

| | | | | | | |
|---|---|---|---|---|---|---|
| M | ISA03 | I03 | **Security Information Qualifier** | M | 1 | ID 2/2 |

Code identifying the type of information in the Security Information

    00              No Security Information Present (No Meaningful
                    Information in I04)

| | | | | | | |
|---|---|---|---|---|---|---|
| M | ISA04 | I04 | **Security Information** | M | 1 | AN 10/10 |

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)

| | | | | | | |
|---|---|---|---|---|---|---|
| M | ISA05 | I05 | **Interchange ID Qualifier** | M | 1 | ID 2/2 |

Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

    12

    12              Phone (Telephone Companies)

| | | | | | | |
|---|---|---|---|---|---|---|
| M | ISA06 | I06 | **Interchange Sender ID** | M | 1 | AN 15/15 |

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

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| | | | | | | |
|---|---|---|---|---|---|---|
| M | ISA07 | I05 | **Interchange ID Qualifier** | M | 1 | ID 2/2 |

Code indicating the system/method of code structure used to designate the

sender or receiver ID element being qualified

Refer to 004030 Data Element Dictionary for acceptable code values.

| M | ISA08 | I07 | **Interchange Receiver ID** | M | 1 | **AN 15/15** |
|---|---|---|---|---|---|---|

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

| M | ISA09 | I08 | **Interchange Date** | M | 1 | **DT 6/6** |
|---|---|---|---|---|---|---|

Date of the interchange

| M | ISA10 | I09 | **Interchange Time** | M | 1 | **TM 4/4** |
|---|---|---|---|---|---|---|

Time of the interchange

| M | ISA11 | I65 | **Repetition Separator** | M | 1 | **AN 1/1** |
|---|---|---|---|---|---|---|

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

| M | ISA12 | I11 | **Interchange Control Version Number** | M | 1 | **ID 5/5** |
|---|---|---|---|---|---|---|

Code specifying the version number of the interchange control segments

Refer to 004030 Data Element Dictionary for acceptable code values.

| M | ISA13 | I12 | **Interchange Control Number** | M | 1 | **N0 9/9** |
|---|---|---|---|---|---|---|

A control number assigned by the interchange sender

| M | ISA14 | I13 | **Acknowledgment Requested** | M | 1 | **ID 1/1** |
|---|---|---|---|---|---|---|

Code indicating sender's request for an interchange acknowledgment

Refer to 004030 Data Element Dictionary for acceptable code values.

| M | ISA15 | I14 | **Usage Indicator** | M | 1 | **ID 1/1** |
|---|---|---|---|---|---|---|

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

Refer to 004030 Data Element Dictionary for acceptable code values.

| M | ISA16 | I15 | **Component Element Separator** | M | 1 | **AN 1/1** |
|---|---|---|---|---|---|---|

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

| | | | | | |
|---|---|---|---|---|---|
| **Segment:** | | **GS** Functional Group Header | | | |

**Segment:** **GS** Functional Group Header

| | |
|---|---|
| **Position:** | 0020 |
| **Loop:** | |
| **Level:** | Heading |
| **Usage:** | Optional |
| **Max Use:** | 1 |
| **Purpose:** | To indicate the beginning of a functional group and to provide control information |
| **Syntax Notes:** | |
| **Semantic Notes:** | 1   GS04 is the group date. |
| | 2   GS05 is the group time. |
| | 3   The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02. |
| **Comments:** | 1   A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer. |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | GS01 | 479 | **Functional Identifier Code** | M | 1 | ID 2/2 |
| | | | Code identifying a group of application related transaction sets | | | |
| | | | Refer to 004030 Data Element Dictionary for acceptable code values. | | | |
| M | GS02 | 142 | **Application Sender's Code** | M | 1 | AN 2/15 |
| | | | Code identifying party sending transmission; codes agreed to by trading partners | | | |
| M | GS03 | 124 | **Application Receiver's Code** | M | 1 | AN 2/15 |
| | | | Code identifying party receiving transmission; codes agreed to by trading partners | | | |
| M | GS04 | 373 | **Date** | M | 1 | DT 8/8 |
| | | | Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | | | |
| M | GS05 | 337 | **Time** | M | 1 | TM 4/8 |
| | | | 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 | GS06 | 28 | **Group Control Number** | M | 1 | N0 1/9 |
| | | | Assigned number originated and maintained by the sender | | | |
| M | GS07 | 455 | **Responsible Agency Code** | M | 1 | ID 1/2 |
| | | | Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 | | | |
| | | | Refer to 004030 Data Element Dictionary for acceptable code values. | | | |

| M | GS08 | 480 | **Version / Release / Industry Identifier Code** | **M** | **1** | **AN 1/12** |

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

004030VICS

| | | | Segment: | **ST** Transaction Set Header |
|---|---|---|---|---|

**Segment:** **ST** Transaction Set Header

**Position:** 0100

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

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

**Syntax Notes:**

**Semantic Notes:**
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.

**Comments:**

### Data Element Summary

| | Ref.<br>Des. | Data<br>Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | ST01 | 143 | **Transaction Set Identifier Code** | M | 1 | ID 3/3 |
| | | | Code uniquely identifying a Transaction Set | | | |
| | | | Refer to 004030 Data Element Dictionary for acceptable code values. | | | |
| M | ST02 | 329 | **Transaction Set Control Number** | M | 1 | AN 4/9 |
| | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | |
| | ST03 | 1705 | **Implementation Convention Reference** | O | 1 | AN 1/35 |
| | | | Reference assigned to identify Implementation Convention | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Segment:** | | **BEG** Beginning Segment for Purchase Order | | | | | |
| **Position:** | 0200 | | | | | | |
| **Loop:** | | | | | | | |
| **Level:** | Heading | | | | | | |
| **Usage:** | Mandatory | | | | | | |
| **Max Use:** | 1 | | | | | | |
| **Purpose:** | To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates | | | | | | |
| **Syntax Notes:** | | | | | | | |
| **Semantic Notes:** | **1** | BEG05 is the date assigned by the purchaser to purchase order. | | | | | |
| **Comments:** | | | | | | | |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| **M** | **BEG01** | **353** | **Transaction Set Purpose Code** | **M** | **1** | **ID 2/2** |
| | | | Code identifying purpose of transaction set | | | |
| | | | Refer to 004030 Data Element Dictionary for acceptable code values. | | | |
| **M** | **BEG02** | **92** | **Purchase Order Type Code** | **M** | **1** | **ID 2/2** |
| | | | Code specifying the type of Purchase Order | | | |
| | | | Refer to 004030 Data Element Dictionary for acceptable code values. | | | |
| **M** | **BEG03** | **324** | **Purchase Order Number** | **M** | **1** | **AN 1/22** |
| | | | Identifying number for Purchase Order assigned by the orderer/purchaser | | | |
| **M** | **BEG05** | **373** | **Date** | **M** | **1** | **DT 8/8** |
| | | | Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | | | |

| | **Segment:** | **CUR** Currency |
|---|---|---|

**Segment:** **CUR** Currency

**Position:** 0400
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 1
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction
**Syntax Notes:**
1 If CUR08 is present, then CUR07 is required.
2 If CUR09 is present, then CUR07 is required.
3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4 If CUR11 is present, then CUR10 is required.
5 If CUR12 is present, then CUR10 is required.
6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7 If CUR14 is present, then CUR13 is required.
8 If CUR15 is present, then CUR13 is required.
9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10 If CUR17 is present, then CUR16 is required.
11 If CUR18 is present, then CUR16 is required.
12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13 If CUR20 is present, then CUR19 is required.
14 If CUR21 is present, then CUR19 is required.
**Semantic Notes:**
**Comments:**
1 See Figures Appendix for examples detailing the use of the CUR segment.

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | CUR01 | 98 | Entity Identifier Code | M | 1 | ID 2/3 |

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

   BY    Buying Party (Purchaser)

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | CUR02 | 100 | Currency Code | M | 1 | ID 3/3 |

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

   USD    US Dollars

| | **Segment:** | | **REF** Reference Identification |
|---|---|---|---|

**Segment:** **REF** Reference Identification

**Position:** 0500
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** >1
**Purpose:** To specify identifying information
**Syntax Notes:**   1   At least one of REF02 or REF03 is required.
  2   If either C04003 or C04004 is present, then the other is required.
  3   If either C04005 or C04006 is present, then the other is required.
**Semantic Notes:**   1   REF04 contains data relating to the value cited in REF02.
**Comments:**

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | REF01 | 128 | **Reference Identification Qualifier** | M | 1 | ID 2/3 |
| | | | Code qualifying the Reference Identification | | | |
| | | | DP          Department Number | | | |
| | | | IA          Internal Vendor Number | | | |
| | | | MR          Merchandise Type Code | | | |
| | REF02 | 127 | **Reference Identification** | X | 1 | AN 1/50 |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | |

| | | **Segment:** | **PER** Administrative Communications Contact |
|---|---|---|---|

**Segment:** **PER** Administrative Communications Contact

**Position:** 0600
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** 3
**Purpose:** To identify a person or office to whom administrative communications should be directed
**Syntax Notes:** 1 If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.
**Semantic Notes:**
**Comments:**

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | PER01 | 366 | **Contact Function Code** | M | 1 | ID 2/2 |

Code identifying the major duty or responsibility of the person or group named

    BD        Buyer Name or Department

| | PER02 | 93 | **Name** | O | 1 | AN 1/60 |
|---|---|---|---|---|---|---|

Free-form name

| | PER03 | 365 | **Communication Number Qualifier** | X | 1 | ID 2/2 |
|---|---|---|---|---|---|---|

Code identifying the type of communication number

    TE        Telephone

| | PER04 | 364 | **Communication Number** | X | 1 | AN 1/256 |
|---|---|---|---|---|---|---|

Complete communications number including country or area code when applicable

| | | | | | | |
|---|---|---|---|---|---|---|
| **Segment:** | **FOB** F.O.B. Related Instructions | | | | | |

**Position:** 0800
**Loop:**
**Level:** Heading
**Usage:** Optional
**Max Use:** >1
**Purpose:** To specify transportation instructions relating to shipment
**Syntax Notes:**
   1   If FOB03 is present, then FOB02 is required.
   2   If FOB04 is present, then FOB05 is required.
   3   If FOB07 is present, then FOB06 is required.
   4   If FOB08 is present, then FOB09 is required.
**Semantic Notes:**
   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.
**Comments:**

### Data Element Summary

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| M   FOB01 | 146 | **Shipment Method of Payment** | M | 1 | ID 2/2 |
| | | Code identifying payment terms for transportation charges | | | |
| | |    CC          Collect | | | |
| | |    PC          Prepaid but Charged to Customer | | | |
| | |    PP          Prepaid (by Seller) | | | |
| FOB02 | 309 | **Location Qualifier** | X | 1 | ID 1/2 |
| | | Code identifying type of location | | | |
| | | Refer to 004030 Data Element Dictionary for acceptable code values. | | | |
| FOB03 | 352 | **Description** | O | 1 | AN 1/80 |
| | | A free-form description to clarify the related data elements and their content | | | |

| Segment: | **CSH** Sales Requirements |
|---|---|
| **Position:** | 1100 |
| **Loop:** | |
| **Level:** | Heading |
| **Usage:** | Optional |
| **Max Use:** | 5 |
| **Purpose:** | To specify general conditions or requirements of the sale |

**Syntax Notes:**
1. If CSH02 is present, then CSH03 is required.
2. If either CSH06 or CSH07 is present, then the other is required.
3. If either CSH09 or CSH10 is present, then the other is required.

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

**Comments:**

## Data Element Summary

| Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|
| **CSH01** | **563** | **Sales Requirement Code** | O  1  ID 1/2 |

Code to identify a specific requirement or agreement of sale

Refer to 004030 Data Element Dictionary for acceptable code values.

| | | | | | | |
|---|---|---|---|---|---|---|
| **Segment:** | **SAC** Service, Promotion, Allowance, or Charge Information | | | | | |
| **Position:** | 1200 | | | | | |
| **Loop:** | SAC        Optional | | | | | |
| **Level:** | Heading | | | | | |
| **Usage:** | Optional | | | | | |
| **Max Use:** | 1 | | | | | |
| **Purpose:** | To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge | | | | | |

**Segment:** **SAC** Service, Promotion, Allowance, or Charge Information

**Position:** 1200

**Loop:** SAC        Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

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

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

**Semantic Notes:**
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. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3  SAC08 is the allowance or charge rate per unit.
4  SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5  SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6  SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7  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.

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | SAC01 | 248 | **Allowance or Charge Indicator** | M | 1 | ID 1/1 |
| | | | Code which indicates an allowance or charge for the service specified | | | |
| | | | Refer to 004030 Data Element Dictionary for acceptable code values. | | | |
| | SAC02 | 1300 | **Service, Promotion, Allowance, or Charge Code** | X | 1 | ID 4/4 |

Code identifying the service, promotion, allowance, or charge

| | |
|---|---|
| A170 | Adjustments |
| A250 | Advances |
| A260 | Advertising Allowance |
| A310 | Air Express Charge |
| A930 | Carrier Credit Allowance |
| A940 | Carrier Debit Allowance |
| B230 | COD Amount |
| B240 | COD Charges |
| B800 | Credit |
| B950 | Damaged Merchandise |
| C000 | Defective Allowance |
| C300 | Discount - Special |
| C420 | Drayage |
| C440 | Driver Assisted Unloading |
| D240 | Freight |
| D270 | Fuel Surcharge |
| D500 | Handling |
| D820 | Inside Delivery |
| D920 | Insurance Fee |
| E730 | New Item Allowance |
| E740 | New Store Allowance |
| E750 | New Store Discount |
| E760 | New Warehouse Discount |
| F730 | Priority Service |
| F800 | Promotional Allowance |
| F810 | Promotional Discount |
| F970 | Rebate |
| G160 | Redelivery |
| G240 | Refund |
| G470 | Restocking Charge |
| H000 | Special Allowance |
| H400 | Stopcharge |
| H600 | Tank Rental |
| H730 | Tax - Local Sales Tax |
| | All applicable sales taxes by taxing authorities below the State level |
| H750 | Tax - Sales Tax (State and Local) |
| I500 | Vendor Freight |
| I530 | Volume Discount |

**SAC05**      **610**      **Amount**                                                              **O      1   N2 1/15**

Monetary amount

| | | | | | |
|---|---|---|---|---|---|
| **SAC06** | **378** | **Allowance/Charge Percent Qualifier** | X | 1 | **ID 1/1** |

Code indicating on what basis allowance or charge percent is calculated

Refer to 004030 Data Element Dictionary for acceptable code values.

| | | | | | |
|---|---|---|---|---|---|
| **SAC07** | **332** | **Percent** | X | 1 | **R 1/6** |

Percent expressed as a percent

| | | | | | |
|---|---|---|---|---|---|
| **SAC09** | **355** | **Unit or Basis for Measurement Code** | X | 1 | **ID 2/2** |

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

Refer to 004030 Data Element Dictionary for acceptable code values.

| | | | | | |
|---|---|---|---|---|---|
| **SAC10** | **380** | **Quantity** | X | 1 | **R 1/15** |

Numeric value of quantity

| | | | | | |
|---|---|---|---|---|---|
| **SAC11** | **380** | **Quantity** | O | 1 | **R 1/15** |

Numeric value of quantity

| | | | | | |
|---|---|---|---|---|---|
| **SAC12** | **331** | **Allowance or Charge Method of Handling Code** | O | 1 | **ID 2/2** |

Code indicating method of handling for an allowance or charge

Refer to 004030 Data Element Dictionary for acceptable code values.

| | | | | | |
|---|---|---|---|---|---|
| **SAC15** | **352** | **Description** | X | 1 | **AN 1/80** |

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

| | | | | | | |
|---|---|---|---|---|---|---|
| **Segment:** | **ITD** Terms of Sale/Deferred Terms of Sale | | | | | |

**Segment:** **ITD** Terms of Sale/Deferred Terms of Sale

**Position:** 1300

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** >1

**Purpose:** To specify terms of sale

**Syntax Notes:**
1. If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
2. If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
3. If ITD09 is present, then at least one of ITD10 or ITD11 is required.

**Semantic Notes:**
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.

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | ITD01 | 336 | **Terms Type Code** | M | 1 | ID 2/2 |
| | | | Code identifying type of payment terms | | | |
| | | | Refer to 004030 Data Element Dictionary for acceptable code values. | | | |
| | ITD02 | 333 | **Terms Basis Date Code** | O | 1 | ID 1/2 |
| | | | Code identifying the beginning of the terms period | | | |
| | | | Refer to 004030 Data Element Dictionary for acceptable code values. | | | |
| M | ITD12 | 352 | **Description** | M | 1 | AN 1/80 |
| | | | A free-form description to clarify the related data elements and their content | | | |

Party City Defined Desciption

For an updated list or answers to questions, please contact
Nancy Higgins at (973) 983-0888 ext 215

|  | **Segment:** | **DTM** Date/Time Reference |
|---|---|---|

| **Position:** | 1500 |
|---|---|
| **Loop:** | |
| **Level:** | Heading |
| **Usage:** | Optional |
| **Max Use:** | 10 |
| **Purpose:** | To specify pertinent dates and times |
| **Syntax Notes:** | **1** At least one of DTM02 DTM03 or DTM05 is required. |
| | **2** If DTM04 is present, then DTM03 is required. |
| | **3** If either DTM05 or DTM06 is present, then the other is required. |
| **Semantic Notes:** | |
| **Comments:** | |

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | DTM01 | 374 | **Date/Time Qualifier** | M | 1 | ID 3/3 |
| | | | Code specifying type of date or time, or both date and time | | | |

| | | |
|---|---|---|
| 001 | Cancel After |
| 002 | Delivery Requested |
| 063 | Do Not Deliver After |
| 064 | Do Not Deliver Before |

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | DTM02 | 373 | **Date** | M | 1 | DT 8/8 |
| | | | Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | | | |

| | | | | |
|---|---|---|---|---|
| **Segment:** | **TD5** Carrier Details (Routing Sequence/Transit Time) | | | |

| | |
|---|---|
| **Position:** | 2400 |
| **Loop:** | |
| **Level:** | Heading |
| **Usage:** | Optional |
| **Max Use:** | >1 |
| **Purpose:** | To specify the carrier and sequence of routing and provide transit time information |
| **Syntax Notes:** | 1   At least one of TD502 TD504 TD505 TD506 or TD512 is required. |
| | 2   If TD502 is present, then TD503 is required. |
| | 3   If TD507 is present, then TD508 is required. |
| | 4   If TD510 is present, then TD511 is required. |
| | 5   If TD513 is present, then TD512 is required. |
| | 6   If TD514 is present, then TD513 is required. |
| | 7   If TD515 is present, then TD512 is required. |
| **Semantic Notes:** | 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. |

**Data Element Summary**

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| TD505 | 387 | Routing | X | 1 | AN 1/35 |
| | | Free-form description of the routing or requested routing for shipment, or the originating carrier's identity | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Segment:** | **N9** Reference Identification | | | | | |

**Position:** 2950
**Loop:** N9      Optional
**Level:** Heading
**Usage:** Optional
**Max Use:** 1
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

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

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

**Comments:**

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| **M** | **N901** | **128** | **Reference Identification Qualifier** | **M** | **1** | **ID 2/3** |
| | | | Code qualifying the Reference Identification | | | |
| | | | AH            Agreement Number | | | |
| | **N902** | **127** | **Reference Identification** | **X** | **1** | **AN 1/50** |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | |
| | | | Party City will populate this field with the Purchase Order Number | | | |

| **Segment:** | **MTX** Text |
|---|---|
| **Position:** | 3000 |
| **Loop:** | N9        Optional |
| **Level:** | Heading |
| **Usage:** | Optional |
| **Max Use:** | >1 |
| **Purpose:** | To specify textual data |
| **Syntax Notes:** | 1    If MTX01 is present, then MTX02 is required. |
| | 2    If MTX03 is present, then MTX02 is required. |
| | 3    If MTX05 is present, then MTX04 is required. |
| **Semantic Notes:** | 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. |

### Data Element Summary

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| **MTX02** | **1551** | **Message Text** | **X** | **1** | **AN 1/4096** |
| | | To transmit large volumes of message text | | | |
| **MTX03** | **1551** | **Message Text** | **O** | **1** | **AN 1/4096** |
| | | To transmit large volumes of message text | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Segment:** | | **N1** Name | | | | |
| **Position:** | | 3100 | | | | |
| **Loop:** | | N1 Optional | | | | |
| **Level:** | | Heading | | | | |
| **Usage:** | | Optional | | | | |
| **Max Use:** | | 1 | | | | |
| **Purpose:** | | To identify a party by type of organization, name, and code | | | | |

**Syntax Notes:**
1   At least one of N102 or N103 is required.
2   If either N103 or N104 is present, then the other is required.

**Semantic Notes:**

**Comments:**
1   This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2   N105 and N106 further define the type of entity in N101.

### Data Element Summary

| | Ref. Des. | Data Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| M | N101 | 98 | **Entity Identifier Code** | M | 1 | ID 2/3 |
| | | | Code identifying an organizational entity, a physical location, property or an individual | | | |
| | | | BT          Bill-to-Party | | | |
| | | | ST          Ship To | | | |
| M | N102 | 93 | **Name** | M | 1 | AN 1/60 |
| | | | Free-form name | | | |
| | | | N101=ST then N102 will have the name of the Party City Store | | | |
| M | N103 | 66 | **Identification Code Qualifier** | M | 1 | ID 1/2 |
| | | | Code designating the system/method of code structure used for Identification Code (67) | | | |
| | | | 92          Assigned by Buyer or Buyer's Agent | | | |
| M | N104 | 67 | **Identification Code** | M | 1 | AN 2/80 |
| | | | Code identifying a party or other code | | | |

**Segment:** **N3** **Address Information**

**Position:** 3300
**Loop:** N1    Optional
**Level:** Heading
**Usage:** Optional
**Max Use:** 2
**Purpose:** To specify the location of the named party
**Syntax Notes:**
**Semantic Notes:**
**Comments:**

### Data Element Summary

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| M   N301 | 166 | **Address Information** | M | 1 | AN 1/55 |
| | | Address information | | | |
| N302 | 166 | **Address Information** | O | 1 | AN 1/55 |
| | | Address information | | | |

| **Segment:** | **N4** Geographic Location |
|---|---|
| **Position:** | 3400 |
| **Loop:** | N1     Optional |
| **Level:** | Heading |
| **Usage:** | Optional |
| **Max Use:** | >1 |
| **Purpose:** | To specify the geographic place of the named party |

| **Syntax Notes:** | **1** | Only one of N402 or N407 may be present. |
|---|---|---|
| | **2** | If N406 is present, then N405 is required. |
| | **3** | If N407 is present, then N404 is required. |

**Semantic Notes:**

| **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. |

### Data Element Summary

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| **N401** | 19 | **City Name** | O | 1 | AN 2/30 |
| | | Free-form text for city name | | | |
| **N402** | 156 | **State or Province Code** | X | 1 | ID 2/2 |
| | | Code (Standard State/Province) as defined by appropriate government agency | | | |
| **N403** | 116 | **Postal Code** | O | 1 | ID 3/15 |
| | | Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | | | |
| **N404** | 26 | **Country Code** | O | 1 | ID 2/3 |
| | | Code identifying the country | | | |

| | Segment: | **PO1** Baseline Item Data |
|---|---|---|
| | **Position:** | 0100 |
| | **Loop:** | PO1        Mandatory |
| | **Level:** | Detail |
| | **Usage:** | Mandatory |
| | **Max Use:** | 1 |
| | **Purpose:** | To specify basic and most frequently used line item data |
| | **Syntax Notes:** | 1    If PO103 is present, then PO102 is required. |
| | | 2    If PO105 is present, then PO104 is required. |
| | | 3    If either PO106 or PO107 is present, then the other is required. |
| | | 4    If either PO108 or PO109 is present, then the other is required. |
| | | 5    If either PO110 or PO111 is present, then the other is required. |
| | | 6    If either PO112 or PO113 is present, then the other is required. |
| | | 7    If either PO114 or PO115 is present, then the other is required. |
| | | 8    If either PO116 or PO117 is present, then the other is required. |
| | | 9    If either PO118 or PO119 is present, then the other is required. |
| | | 10  If either PO120 or PO121 is present, then the other is required. |
| | | 11  If either PO122 or PO123 is present, then the other is required. |
| | | 12  If either PO124 or PO125 is present, then the other is required. |
| | **Semantic Notes:** | |
| | **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. |

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| | PO101 | 350 | **Assigned Identification** | O | 1 | **AN 1/20** |
| | | | Alphanumeric characters assigned for differentiation within a transaction set | | | |
| | PO102 | 330 | **Quantity Ordered** | X | 1 | **R 1/15** |
| | | | Quantity ordered | | | |
| M | PO103 | 355 | **Unit or Basis for Measurement Code** | M | 1 | **ID 2/2** |
| | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | |
| | | | Will always be ZZ. | | | |
| | | | Party City UOM will be sent in the PID segment as noted below | | | |
| | | | Refer to 004030 Data Element Dictionary for acceptable code values. | | | |
| | PO104 | 212 | **Unit Price** | X | 1 | **R 1/17** |
| | | | Price per unit of product, service, commodity, etc. | | | |
| | PO106 | 235 | **Product/Service ID Qualifier** | X | 1 | **ID 2/2** |

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

| | | |
|---|---|---|
| SK | Stock Keeping Unit (SKU) | |
| UP | UCC - 12 | |

Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)

| | |
|---|---|
| VN | Vendor's (Seller's) Item Number |

| | | | | | | |
|---|---|---|---|---|---|---|
| **PO107** | **234** | **Product/Service ID** | | **X** | **1** | **AN 1/48** |

Identifying number for a product or service

| | | | | | | |
|---|---|---|---|---|---|---|
| **PO108** | **235** | **Product/Service ID Qualifier** | | **X** | **1** | **ID 2/2** |

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

| | |
|---|---|
| SK | Stock Keeping Unit (SKU) |
| UP | UCC - 12 |

Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)

| | |
|---|---|
| VN | Vendor's (Seller's) Item Number |

| | | | | | | |
|---|---|---|---|---|---|---|
| **PO109** | **234** | **Product/Service ID** | | **X** | **1** | **AN 1/48** |

Identifying number for a product or service

| | | | | | | |
|---|---|---|---|---|---|---|
| **PO110** | **235** | **Product/Service ID Qualifier** | | **X** | **1** | **ID 2/2** |

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

| | |
|---|---|
| SK | Stock Keeping Unit (SKU) |
| UP | UCC - 12 |

Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)

| | |
|---|---|
| VN | Vendor's (Seller's) Item Number |

| | | | | | | |
|---|---|---|---|---|---|---|
| **PO111** | **234** | **Product/Service ID** | | **X** | **1** | **AN 1/48** |

Identifying number for a product or service

| | **Segment:** | **PID** Product/Item Description |
| --- | --- | --- |

**Segment:** **PID** Product/Item Description

**Position:** 0500

**Loop:** PID    Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

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

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

**Semantic Notes:**
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.

### Data Element Summary

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

| | Segment: | **PID** Product/Item Description |
|---|---|---|

|  |  |
|---|---|
| **Position:** | 0510 |
| **Loop:** | PID     Optional |
| **Level:** | Detail |
| **Usage:** | Mandatory |
| **Max Use:** | 1 |
| **Purpose:** | To describe a product or process in coded or free-form format |
| **Syntax Notes:** | 1   If PID04 is present, then PID03 is required. |
| | 2   At least one of PID04 or PID05 is required. |
| | 3   If PID07 is present, then PID03 is required. |
| | 4   If PID08 is present, then PID04 is required. |
| | 5   If PID09 is present, then PID05 is required. |
| **Semantic Notes:** | 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. |
| **Notes:** | This segment will contain the case Pack Quantity. |

### Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | PID01 | 349 | **Item Description Type** | M | 1 | ID 1/1 |
| | | | Code indicating the format of a description | | | |
| | | |    F        Free-form | | | |
| | PID02 | 750 | **Product/Process Characteristic Code** | O | 1 | ID 2/3 |
| | | | Code identifying the general class of a product or process characteristic | | | |
| | | |    74        Vendor size description | | | |
| | PID05 | 352 | **Description** | X | 1 | AN 1/80 |
| | | | A free-form description to clarify the related data elements and their content | | | |
| | | | This elelment will contain the case Pack Quantity. | | | |
| | | | For an updated list or answers to questions, please contact Nancy Higgins at (973) 983-0888 ext 215 | | | |
| | | |    10        10PK | | | |
| | | |    24        24PK | | | |
| | | |    48        48PK | | | |

| | |
|---|---|
| 72 | 72PK |
| 100 | 100PK |
| 1000 | 1000PK |

| | | | | | |
|---|---|---|---|---|---|
| **Segment:** | | **CTT** Transaction Totals | | | |

**Position:** 0100
**Loop:** CTT Optional
**Level:** Summary
**Usage:** Optional
**Max Use:** 1
**Purpose:** To transmit a hash total for a specific element in the transaction set
**Syntax Notes:** 1   If either CTT03 or CTT04 is present, then the other is required.
           2   If either CTT05 or CTT06 is present, then the other is required.
**Semantic Notes:**
**Comments:** 1   This segment is intended to provide hash totals to validate transaction completeness and correctness.

### Data Element Summary

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Segment:** | | **AMT** Monetary Amount | | | | | |

**Segment:**       **AMT** Monetary Amount

| | |
|---|---|
| **Position:** | 0200 |
| **Loop:** | CTT     Optional |
| **Level:** | Summary |
| **Usage:** | Optional |
| **Max Use:** | 1 |
| **Purpose:** | To indicate the total monetary amount |
| **Syntax Notes:** | |
| **Semantic Notes:** | |
| **Comments:** | |

<div align="center">

**Data Element Summary**

</div>

| Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|
| **M** | **AMT01** | **522** | **Amount Qualifier Code** | **M** | **1** | **ID 1/3** |

| | Ref. Des. | Data Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| **M** | **AMT01** | **522** | **Amount Qualifier Code** | **M**   **1**   **ID 1/3** | | |
| | | | Code to qualify amount | | | |
| | | | Refer to 004030 Data Element Dictionary for acceptable code values. | | | |
| **M** | **AMT02** | **782** | **Monetary Amount** | **M**   **1**   **R 1/18** | | |
| | | | Monetary amount | | | |

| | | | | |
|---|---|---|---|---|
| **Segment:** | **SE** Transaction Set Trailer | | | |

**Segment:** **SE** Transaction Set Trailer

**Position:** 0300

**Loop:**

**Level:** Summary

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**

**Semantic Notes:**

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

**Data Element Summary**

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

| | Segment: | **GE** **Functional Group Trailer** |
|---|---|---|
| | **Position:** | 0310 |
| | **Loop:** | |
| | **Level:** | Summary |
| | **Usage:** | Optional |
| | **Max Use:** | 1 |
| | **Purpose:** | To indicate the end of a functional group and to provide control information |
| | **Syntax Notes:** | |
| | **Semantic Notes:** | 1   The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06. |
| | **Comments:** | 1   The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header. |

**Data Element Summary**

| | Ref.<br>Des. | Data<br>Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| **M** | **GE01** | 97 | **Number of Transaction Sets Included** | **M** | **1** | **N0 1/6** |
| | | | Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element | | | |
| **M** | **GE02** | 28 | **Group Control Number** | **M** | **1** | **N0 1/9** |
| | | | Assigned number originated and maintained by the sender | | | |

| | | | Segment: | **IEA** Interchange Control Trailer |
| :--- | :--- | :--- | :--- | :--- |

**Segment:** **IEA** Interchange Control Trailer

**Position:** 0305

**Loop:**

**Level:** Summary

**Usage:** Optional

**Max Use:** 1

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

**Syntax Notes:**

**Semantic Notes:**

**Comments:**


**Data Element Summary**

| | Ref.<br>Des. | Data<br>Element | Name | Attributes | | |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| M | IEA01 | I16 | **Number of Included Functional Groups** | M | 1 | N0 1/5 |
| | | | A count of the number of functional groups included in an interchange | | | |
| M | IEA02 | I12 | **Interchange Control Number** | M | 1 | N0 9/9 |
| | | | A control number assigned by the interchange sender | | | |