# Indigo

# Indigo Books & Music Inc. - Trade Drop Ship

**X12/V4010/855 : 855 Purchase Order Acknowledgment**

## Version: 1 Final

| | |
|---|---|
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# 855  Purchase Order Acknowledgment
## Functional Group=PR

**Purpose:** This Draft Standard for Trial Use 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.

## Not Defined:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|----|--------------|-----|---------|--------|-------|-------|
|  | ISA | Interchange Control Header | M | 1 |  |  | Must use |
|  | GS | Functional Group Header | M | 1 |  |  | Must use |

## Heading:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|----|--------------|-----|---------|--------|-------|-------|
| 010 | ST | Transaction Set Header | M | 1 |  |  | Must use |
| 020 | BAK | Beginning Segment for Purchase Order Acknowledgment | M | 1 |  |  | Must use |
| 040 | CUR | Currency | M | 1 |  |  | Used |
| **LOOP ID - N1** |  |  |  |  | **200** |  |  |
| 300 | N1 | Name | M | 1 |  |  | Must use |

## Detail:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|----|--------------|-----|---------|--------|-------|-------|
| **LOOP ID - PO1** |  |  |  |  | **100000** | **N2/010L** |  |
| 010 | PO1 | Baseline Item Data | M | 1 |  | N2/010 | Must use |
| 040 | CTP | Pricing Information | M | >1 |  |  | Must use |
| **LOOP ID - ACK** |  |  |  |  | **104** |  |  |
| 270 | ACK | Line Item Acknowledgment | M | 1 |  |  | Must use |

## Summary:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|----|--------------|-----|---------|--------|-------|-------|
| **LOOP ID - CTT** |  |  |  |  | **1** | **N3/010L** |  |
| 010 | CTT | Transaction Totals | M | 1 |  | N3/010 | Must use |
| 030 | SE | Transaction Set Trailer | M | 1 |  |  | Must use |

## Notes:

2/010L    PO102 is required.

2/010     PO102 is required.

3/010L    The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/010     The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

# ISA   Interchange Control Header

| | |
|---|---|
| **Pos:** | **Max: 1** |
| **Not Defined - Mandatory** | |
| **Loop: N/A** | **Elements: 16** |

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

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

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|------|------|------------------------------------------|-----|------|---------|----------|
| ISA01 | I01 | **Authorization Information Qualifier** | M | ID | 2/2 | Must use |

**Description:** Code to identify the type of information in the Authorization Information
**All valid standard codes are used. (Total Codes: 7)**

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|------|------|------------------------------------------|-----|------|---------|----------|
| ISA02 | I02 | **Authorization Information** | M | AN | 10/10 | Must use |

**Description:** 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)

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|------|------|------------------------------------------|-----|------|---------|----------|
| ISA03 | I03 | **Security Information Qualifier** | M | ID | 2/2 | Must use |

**Description:** Code to identify the type of information in the Security Information
**All valid standard codes are used. (Total Codes: 2)**

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|------|------|------------------------------------------|-----|------|---------|----------|
| ISA04 | I04 | **Security Information** | M | AN | 10/10 | Must use |

**Description:** 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)

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|------|------|------------------------------------------|-----|------|---------|----------|
| ISA05 | I05 | **Interchange ID Qualifier** | M | ID | 2/2 | Must use |

**Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified
**All valid standard codes are used. (Total Codes: 38)**

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|------|------|------------------------------------------|-----|------|---------|----------|
| ISA06 | I06 | **Interchange Sender ID** | M | AN | 15/15 | Must use |

**Description:** 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

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|------|------|------------------------------------------|-----|------|---------|----------|
| ISA07 | I05 | **Interchange ID Qualifier** | M | ID | 2/2 | Must use |

**Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

**User Note 1:**

*ZZ*

**All valid standard codes are used. (Total Codes: 38)**

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|------|------|------------------------------------------|-----|------|---------|----------|
| ISA08 | I07 | **Interchange Receiver ID** | M | AN | 15/15 | Must use |

**Description:** 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

**User Note 1:**

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| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|------|------|------------------------------------------|-----|------|---------|----------|
| ISA09 | I08 | **Interchange Date** | M | DT | 6/6 | Must use |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| | | **Description:** Date of the interchange | | | | |
| ISA10 | I09 | **Interchange Time** | M | TM | 4/4 | Must use |
| | | **Description:** Time of the interchange | | | | |
| ISA11 | I10 | **Interchange Control Standards Identifier** | M | ID | 1/1 | Must use |

**Description:** Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer
**All valid standard codes are used. (Total Codes: 1)**

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| ISA12 | I11 | **Interchange Control Version Number** | M | ID | 5/5 | Must use |

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

**Code List Summary** (Total Codes: 14, Included: 1)

| Code | Name |
|------|------|
| 00401 | Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997 |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| ISA13 | I12 | **Interchange Control Number** | M | N0 | 9/9 | Must use |
| | | **Description:** A control number assigned by the interchange sender | | | | |
| ISA14 | I13 | **Acknowledgment Requested** | M | ID | 1/1 | Must use |

**Description:** Code sent by the sender to request an interchange acknowledgment (TA1)
**All valid standard codes are used. (Total Codes: 2)**

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| ISA15 | I14 | **Usage Indicator** | M | ID | 1/1 | Must use |

**Description:** Code to indicate whether data enclosed by this interchange envelope is test, production or information
**All valid standard codes are used. (Total Codes: 3)**

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| ISA16 | I15 | **Component Element Separator** | M | | 1/1 | Must use |

**Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

# GS Functional Group Header

| Pos: | Max: 1 |
|---|---|
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 8 |

**User Option (Usage):** Must use
**Purpose:** To indicate the beginning of a functional group and to provide control information

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| GS01 | 479 | **Functional Identifier Code** | M | ID | 2/2 | Must use |

**Description:** Code identifying a group of application related transaction sets

**Code List Summary** (Total Codes: 240, Included: 1)

| Code | Name |
|---|---|
| PR | Purchase Order Acknowledgement (855) |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| GS02 | 142 | **Application Sender's Code** | M | AN | 2/15 | Must use |

**Description:** Code identifying party sending transmission; codes agreed to by trading partners

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| GS03 | 124 | **Application Receiver's Code** | M | AN | 2/15 | Must use |

**Description:** Code identifying party receiving transmission; codes agreed to by trading partners

**User Note 1:**

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| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| GS04 | 373 | **Date** | M | DT | 8/8 | Must use |

**Description:** Date expressed as CCYYMMDD

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| GS05 | 337 | **Time** | M | TM | 4/8 | Must use |

**Description:** 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)

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| GS06 | 28 | **Group Control Number** | M | N0 | 1/9 | Must use |

**Description:** Assigned number originated and maintained by the sender

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| GS07 | 455 | **Responsible Agency Code** | M | ID | 1/2 | Must use |

**Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

**All valid standard codes are used. (Total Codes: 2)**

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| GS08 | 480 | **Version / Release / Industry Identifier Code** | M | AN | 1/12 | Must use |

**Description:** 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

**Code List Summary** (Total Codes: 39, Included: 1)

| Code | Name |
|---|---|
| 004010 | Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997 |

## Semantics:

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.

# ST  Transaction Set Header

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

**User Option (Usage):** Must use
**Purpose:** To indicate the start of a transaction set and to assign a control number

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
| --- | --- | --- | --- | --- | --- | --- |
| ST01 | 143 | **Transaction Set Identifier Code** | M | ID | 3/3 | Must use |

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

**Code List Summary** (Total Codes: 298, Included: 1)

| Code | Name |
| --- | --- |
| 855 | Purchase Order Acknowledgment |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
| --- | --- | --- | --- | --- | --- | --- |
| ST02 | 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

## Semantics:

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

# BAK   Beginning Segment for Purchase Order Acknowledgment

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

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

**Purpose:** To indicate the beginning of the Purchase Order 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

**Code List Summary** (Total Codes: 65, Included: 1)

| Code | Name |
|---|---|
| 00 | Original |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| BAK02 | 587 | **Acknowledgment Type** | M | ID | 2/2 | Must use |

**Description:** Code specifying the type of acknowledgment

**User Note 1:**

*AC should be used when the PO is accepted but there are changes to some or all items.*

*AD should be used when you accept the entire PO (all lines) as is. All ACK01 values should contain IA.*

*RD should be used when you reject the entire PO (all lines). All ACK01 values should contain IR.*

**Code List Summary** (Total Codes: 15, Included: 3)

| Code | Name |
|---|---|
| AC | Acknowledge - With Detail and Change |
| AD | Acknowledge - With Detail, No Change |
| RD | Reject with Detail |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| BAK03 | 324 | **Purchase Order Number** | M | AN | 1/22 | Must use |

**Description:** Identifying number for Purchase Order assigned by the orderer/purchaser

**User Note 1:**

*Purchase Order Number is 10 characters long (Min / Max 10)*

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| BAK04 | 373 | **Date** | M | DT | 8/8 | Must use |

**Description:** Date expressed as CCYYMMDD

## Semantics:

1. BAK04 is the date assigned by the purchaser to purchase order.

# CUR  Currency

<table>
<tr><td><strong>Pos: 040</strong></td><td><strong>Max: 1</strong></td></tr>
<tr><td colspan="2"><strong>Heading - Mandatory</strong></td></tr>
<tr><td><strong>Loop: N/A</strong></td><td><strong>Elements: 2</strong></td></tr>
</table>

**User Option (Usage):** Used

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

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| CUR01 | 98 | **Entity Identifier Code** | M | ID | 2/3 | Must use |

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

**Code List Summary** (Total Codes: 1312, Included: 1)

| Code | Name |
|------|------|
| SE | Selling Party |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|--------------|-----|------|---------|-------|
| CUR02 | 100 | **Currency Code** | M | ID | 3/3 | Must use |

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

## Comments:

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

# Loop Name

| Pos: 300 | Repeat: 200 |
|---|---|
| **Mandatory** | |
| **Loop: N1** | **Elements: N/A** |

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

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

## Loop Summary:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Usage |
|---|---|---|---|---|---|---|
| 300 | N1 | Name | M | 1 | | Must use |

# N1 Name

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

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

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-----|-----|-----|-----|-----|
| N101 | 98 | **Entity Identifier Code** | M | ID | 2/3 | Must use |

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

**Code List Summary** (Total Codes: 1312, Included: 3)

| Code | Name |
|------|------|
| BT | Bill-to-Party |
| ST | Ship To |
| VN | Vendor |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-----|-----|-----|-----|-----|
| N102 | 93 | **Name** | M | AN | 1/60 | Must use |

**Description:** Free-form name

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-----|-----|-----|-----|-----|
| N103 | 66 | **Identification Code Qualifier** | M | ID | 1/2 | Must use |

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

**Code List Summary** (Total Codes: 215, Included: 1)

| Code | Name |
|------|------|
| 15 | Standard Address Number (SAN) |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-----|-----|-----|-----|-----|
| N104 | 67 | **Identification Code** | M | AN | 2/80 | Must use |

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

## Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

## Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

# Loop Baseline Item Data

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

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

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

## Loop Summary:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Usage |
|---|---|---|---|---|---|---|
| 010 | PO1 | Baseline Item Data | M | 1 | | Must use |
| 040 | CTP | Pricing Information | M | >1 | | Must use |
| 270 | | Loop ACK | M | | 104 | Must use |

# PO1    Baseline Item Data

| Pos: 010           Max: 1 |
| :--- |
| **Detail - Mandatory** |
| **Loop: PO1        Elements: 9** |

**User Option (Usage):** Must use
**Purpose:** To specify basic and most frequently used line item data

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
| --- | --- | --- | --- | --- | --- | --- |
| PO101 | 350 | **Assigned Identification** | M | AN | 1/20 | Must use |

**Description:** Alphanumeric characters assigned for differentiation within a transaction set

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
| --- | --- | --- | --- | --- | --- | --- |
| PO102 | 330 | **Quantity Ordered** | M | R | 1/15 | Must use |

**Description:** Quantity ordered

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
| --- | --- | --- | --- | --- | --- | --- |
| 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

**Code List Summary** (Total Codes: 794, Included: 1)

| Code | Name |
| --- | --- |
| EA | Each |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
| --- | --- | --- | --- | --- | --- | --- |
| PO104 | 212 | **Unit Price** | M | R | 1/17 | Must use |

**Description:** Price per unit of product, service, commodity, etc.

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
| --- | --- | --- | --- | --- | --- | --- |
| PO105 | 639 | **Basis of Unit Price Code** | M | ID | 2/2 | Must use |

**Description:** Code identifying the type of unit price for an item

**Code List Summary** (Total Codes: 91, Included: 2)

| Code | Name |
| --- | --- |
| NT | Net |
| RT | Retail |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
| --- | --- | --- | --- | --- | --- | --- |
| PO106 | 235 | **Product/Service ID Qualifier** | M | ID | 2/2 | Must use |

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

**Code List Summary** (Total Codes: 477, Included: 4)

| Code | Name |
| --- | --- |
| EN | European Article Number (EAN) (2-5-5-1) |
| IB | International Standard Book Number (ISBN) |
| UK | U.P.C./EAN Shipping Container Code (1-2-5-5-1) |
| UP | U.P.C. Consumer Package Code (1-5-5-1) |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
| --- | --- | --- | --- | --- | --- | --- |
| PO107 | 234 | **Product/Service ID** | M | AN | 1/48 | Must use |

**Description:** Identifying number for a product or service

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
| --- | --- | --- | --- | --- | --- | --- |
| PO108 | 235 | **Product/Service ID Qualifier** | M | ID | 2/2 | Must use |

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

        **Code List Summary** (Total Codes: 477, Included: 1)

        <u>**Code**</u>  <u>**Name**</u>

        MG    Manufacturer's Part Number

| PO109 | 234 | **Product/Service ID** | M | AN | 1/48 | Must use |

        **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.

## 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: 040 | Max: >1 |
|----------|---------|
| **Detail - Mandatory** | |
| **Loop: PO1** | **Elements: 4** |

**User Option (Usage):** Must use
**Purpose:** To specify pricing information

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|----|-----|-----|------|---------|-------|
| CTP02 | 236 | **Price Identifier Code** | O | ID | 3/3 | Used |

**Description:** Code identifying pricing specification

**Code List Summary** (Total Codes: 164, Included: 3)

| Code | Name |
|------|------|
| RES | Resale |
| RTL | Retail |
| SLP | Suggested List Price |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|----|-----|-----|------|---------|-------|
| CTP03 | 212 | **Unit Price** | M | R | 1/17 | Must use |

**Description:** Price per unit of product, service, commodity, etc.

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|----|-----|-----|------|---------|-------|
| CTP06 | 648 | **Price Multiplier Qualifier** | O | ID | 3/3 | Used |

**Description:** Code indicating the type of price multiplier

**Code List Summary** (Total Codes: 6, Included: 1)

| Code | Name |
|------|------|
| DIS | Discount Multiplier |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|----|-----|-----|------|---------|-------|
| CTP07 | 649 | **Multiplier** | O | R | 1/10 | Used |

**Description:** Value to be used as a multiplier to obtain a new value

**User Note 1:**

*Multiplier of .8 = 20% discount*

*Multiplier of .6 = 40% discount*

## Comments:

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

# Loop Line Item Acknowledgment

| Pos: 270 | Repeat: 104 |
|---|---|
| Mandatory | |
| Loop: ACK | Elements: 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:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Usage |
|---|---|---|---|---|---|---|
| 270 | ACK | Line Item Acknowledgment | M | 1 | | Must use |

# ACK  Line Item Acknowledgment

| Pos: 270 | 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

**Code List Summary** (Total Codes: 26, Included: 3)

| Code | Name |
|---|---|
| IA | Item Accepted |
| IQ | Item Accepted - Quantity Changed |
| IR | Item Rejected |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| ACK02 | 380 | **Quantity** | M | R | 1/15 | Must use |

**Description:** Numeric value of quantity

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| ACK03 | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 | Must use |

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

**Code List Summary** (Total Codes: 794, Included: 1)

| Code | Name |
|---|---|
| EA | Each |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| ACK04 | 374 | **Date/Time Qualifier** | M | ID | 3/3 | Must use |

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

**User Note 1:**

*ACK04 and ACK05 are not required when ACK01 = "IR"*

**Code List Summary** (Total Codes: 1112, Included: 1)

| Code | Name |
|---|---|
| 067 | Current Schedule Delivery |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| ACK05 | 373 | **Date** | M | DT | 8/8 | Must use |

**Description:** Date expressed as CCYYMMDD

## 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.

# Loop Transaction Totals

| Pos: 010 | Repeat: 1 |
|----------|-----------|
| **Mandatory** | |
| **Loop: CTT** | **Elements: N/A** |

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

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

## Loop Summary:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Usage |
|-----|-----|--------------|-----|---------|--------|-------|
| 010 | CTT | Transaction Totals | M | 1 | | Must use |

# CTT  Transaction Totals

<div style="border:1px solid black">

**Pos: 010**          **Max: 1**
**Summary - Mandatory**
**Loop: CTT**      **Elements: 1**

</div>

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

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

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-----|-----|-------------|-----|------|---------|-------|
| 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: 030 | Max: 1 |
|---|---|
| Summary - Mandatory | |
| Loop: N/A | Elements: 2 |

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

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

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| 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

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|---|---|---|---|---|---|---|
| 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.