

# 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:

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

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		N1/020	Must use
050	REF	Reference Identification	O	>1			Must use
150	DTM	Date/Time Reference	O	10			Used

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - PO1</u>					<u>100000</u>	<u>N2/010L</u>	
010	PO1	Baseline Item Data	O	1		N2/010	Must use
040	CTP	Pricing Information	O	>1			Used
190	SDQ	Destination Quantity	O	500		N2/190	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>
<u>LOOP ID - CTT</u>					<u>1</u>	<u>N3/010L</u>	
010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set Trailer	M	1			Must use

### Not Defined:

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

### Notes:

- 1/020 When notifying a Hautelook of a vendor-generated replenishment order, either code 00 or 16 is used in BAK01 and code AP is used in BAK02. When acknowledging a Hautelook's purchase order, code 00 is used in BAK01 and either code AD or AK is used in BAK02. When changing a vendor-generated replenishment order, code 05 is used in BAK01 and code AP is used in BAK02. When acknowledging a Hautelook's purchase order with change, code 19 is used in BAK01 and either code AC or AE is used in

BAK02. When canceling a vendor-generated replenishment order, code 01 is used in BAK01 and code AP is used in BAK02. When acknowledging a Hautelook's purchase order with a cancellation, code 01 is used in BAK01 and code RJ is used in BAK02.

2/010L PO102 is required.

2/010 PO102 is required.

The codes listed for PO106 apply to every occurrence of Data Element 235 in the PO1 segment. See Section III for complete U.P.C. and EAN code definitions.

2/190 This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103 and all occurrences of Data Element 67 in this segment function as N104. The SDQ segment functions as an N1 segment containing code BY in N101, that is, the SDQ segment specifies various buying locations. The N1 segment, in the basic order, specifies only one location. An SDQ segment can hold up to 10 locations. When the PO has more than 10 locations, additional SDQ segments should be sent.

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	<b>Authorization Information Qualifier</b>	M	ID	2/2	Must use

**Description:** Code to identify the type of information in the Authorization Information

**Notes:** '00'

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

**Code Name**

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

ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Must use
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**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)

**Notes:** spaces

ISA03	I03	<b>Security Information Qualifier</b>	M	ID	2/2	Must use
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**Description:** Code to identify the type of information in the Security Information

**CodeList Summary** (Total Codes: 2, Included: 1)

**Code Name**

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

ISA04	I04	<b>Security Information</b>	M	AN	10/10	Must use
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**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)

**Notes:** spaces

ISA05	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
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**Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

**Notes:** Qualifier selected by sender

**CodeList Summary** (Total Codes: 38, Included: 7)

**Code Name**

- 01 Duns (Dun & Bradstreet)  
**Notes:**  
*Nine digit*
- 02 SCAC (Standard Carrier Alpha Code)
- 08 UCC EDI Communications ID (Comm ID)  
**Notes:**  
*UCC assigned Comm ID, VICS EDI Comm ID*
- 12 Phone (Telephone Companies)  
**Notes:**  
*Telephone number including area code without any punctuation*
- 14 Duns Plus Suffix
- 19 EDI Council of Australia (EDICA) Communications ID Number (COMM ID)
- AM Association Mexicana del Codigo de Producto (AMECOP) Communication ID  
**Notes:**  
*See External Code Source 497 in Section III for reference document.*

ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Must use
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**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

**Notes:** *Sender ID selected by sender*

ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
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**Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

**Notes:** *HauteLook's qualifier is 'ZZ'*

**CodeList Summary** (Total Codes: 38, Included: 7)

**Code Name**

- 01 Duns (Dun & Bradstreet)  
**Notes:**  
*Nine digit*
- 02 SCAC (Standard Carrier Alpha Code)
- 08 UCC EDI Communications ID (Comm ID)  
**Notes:**  
*UCC assigned Comm ID, VICS EDI Comm ID*
- 12 Phone (Telephone Companies)  
**Notes:**  
*Telephone number including area code without any punctuation*
- 14 Duns Plus Suffix
- 19 EDI Council of Australia (EDICA) Communications ID Number (COMM ID)
- AM Association Mexicana del Codigo de Producto (AMECOP) Communication ID  
**Notes:**  
*See External Code Source 497 in Section III for reference document.*

ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Must use
		<p><b>Description:</b> Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them</p> <p><b>Notes:</b> <i>HauteLook's receiver ID is 'HAUTELOOK1212'</i></p>				
ISA09	I08	<b>Interchange Date</b>	M	DT	6/6	Must use
		<p><b>Description:</b> Date of the interchange</p> <p><b>Notes:</b> <i>Date ISA was generated - YYMMDD</i></p>				
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Must use
		<p><b>Description:</b> Time of the interchange</p> <p><b>Notes:</b> <i>Time ISA was generated -- HHMM</i></p>				
ISA11	I10	<b>Interchange Control Standards Identifier</b>	M	ID	1/1	Must use
		<p><b>Description:</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer</p> <p><b>CodeList Summary</b> (Total Codes: 1, Included: 1)</p> <p><b>Code Name</b></p> <p>U U.S. EDI Community of ASC X12, TDCC, and UCS</p>				
ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use
		<p><b>Description:</b> Code specifying the version number of the interchange control segments</p> <p><b>Notes:</b> <i>This version number is for the envelope only. It is not the same as the version number in GS08.</i></p> <p><b>CodeList Summary</b> (Total Codes: 17, Included: 1)</p> <p><b>Code Name</b></p> <p>00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997, Version 4, Release 1</p>				
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<p><b>Description:</b> A control number assigned by the interchange sender</p> <p><b>Notes:</b> <i>Sender assigned sequential number starting with 1 incremented by 1 for each transmission.</i></p>				
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
		<p><b>Description:</b> Code sent by the sender to request an interchange acknowledgment</p>				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		(TA1) <b>CodeList Summary</b> (Total Codes: 2, Included: 1) <b>Code Name</b> 0 No Acknowledgment Requested				
ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Must use
		<b>Description:</b> Code to indicate whether data enclosed by this interchange envelope is test, production or information  <b>CodeList Summary</b> (Total Codes: 3, Included: 2) <b>Code Name</b> P Production Data T Test Data				
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Must use
		<b>Description:</b> Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator <b>Notes:</b> '>'				

**Notes:****Notes:**

*HauteLook prefers : Segment terminator value hex '15' Element separator value hex '2F'*

# 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	<b>Functional Identifier Code</b>	M	ID	2/2	Must use
<p><b>Description:</b> Code identifying a group of application related transaction sets</p> <p><b>CodeList Summary</b> (Total Codes: 224, Included: 1)</p> <p><b>Code Name</b> PR Purchase Order Acknowledgement (855)</p>						
GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use
<p><b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners</p> <p><b>Notes:</b> <i>Sender ID selected by sender</i></p>						
GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use
<p><b>Description:</b> Code identifying party receiving transmission; codes agreed to by trading partners</p> <p><b>Notes:</b> <i>HauteLook's receiver ID is 'HAUTELOOK1212'</i></p>						
GS04	373	<b>Date</b>	M	DT	8/8	Must use
<p><b>Description:</b> Date expressed as CCYYMMDD</p> <p><b>Notes:</b> <i>Date GS was generated</i></p>						
GS05	337	<b>Time</b>	M	TM	4/8	Must use
<p><b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</p> <p><b>Notes:</b> <i>Time GS was generated</i></p>						
GS06	28	<b>Group Control Number</b>	M	N0	1/9	Must use
<p><b>Description:</b> Assigned number originated and maintained by the sender</p>						
GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
		<p><b>Description:</b> Code used in conjunction with Data Element 480 to identify the issuer of the standard</p> <p><b>CodeList Summary</b> (Total Codes: 2, Included: 1)</p> <p><b>Code Name</b> X Accredited Standards Committee X12</p>								
GS08	480	<p><b>Version / Release / Industry Identifier Code</b></p> <p><b>Description:</b> Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed</p> <p><b>Notes:</b> <i>This is the version/release/industry subset of the transaction sets within the group. This is not the same as the version number in ISA12.</i></p> <p><b>CodeList Summary</b> (Total Codes: 33, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>004010VIC S</td> <td>Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997, Version 4, Release 1, the VICS EDI subset</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	004010VIC S	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997, Version 4, Release 1, the VICS EDI subset	M	AN	1/12	Must use
<u>Code</u>	<u>Name</u>									
004010VIC S	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997, Version 4, Release 1, the VICS EDI subset									

**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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use
<p><b>Description:</b> Code uniquely identifying a Transaction Set</p> <p><b>CodeList Summary</b> (Total Codes: 298, Included: 1)</p> <p><b>Code Name</b></p> <p>855 Purchase Order Acknowledgment</p>						
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<p><b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</p> <p><b>Notes:</b> <i>The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.</i></p>						

## 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:

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

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

**CodeList Summary** (Total Codes: 65, Included: 5)

**Code Name**

- 00 Original
 

**Notes:**  
*NOTIFICATION: If XQ01, in Transaction Set 852, contains code G, BAK01 will contain code 00.*  
*ACKNOWLEDGMENT: This is the original acknowledgment.*
- 01 Cancellation
 

**Notes:**  
*NOTIFICATION: Cancel the vendor-generated replenishment order. The canceled purchase order number is not available for reuse until reissued within the normal business cycle.*  
*ACKNOWLEDGMENT: Cancels the retailer's purchase order.*
- 05 Replace
 

**Notes:**  
*NOTIFICATION: The previously transmitted vendor-generated replenishment order has changed and should be replaced (re-transmitted) in its entirety.*  
*ACKNOWLEDGMENT: This code is not valid for regular acknowledgments.*
- 16 Proposed
 

**Notes:**  
*NOTIFICATION: If XQ01, in Transaction Set 852, contains code F, BAK01 will contain code 16.*  
*ACKNOWLEDGMENT: This code is not valid for regular acknowledgments.*
- 19 Seller initiated change
 

**Notes:**  
*NOTIFICATION: This code is not valid for notification of vendor-generated replenishment orders.*  
*ACKNOWLEDGMENT: Change the retailer's purchase order.*

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

**Notes:** Codes AC, AD, AE, AK and RJ

<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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*may only be used for acknowledgments to a retailer's purchase order. Code AP may only be used to indicate a vendor-generated replenishment acknowledgment (notification).*

**CodeList Summary** (Total Codes: 15, Included: 6)

**Code Name**

AC Acknowledge - With Detail and Change

**Notes:**

*Full purchase order detail must be transmitted*

AD Acknowledge - With Detail, No Change

AE Acknowledge - With Exception Detail Only

**Notes:**

*Only transmit details of change*

AK Acknowledge - No Detail or Change

AP Acknowledge - Product Replenishment

RJ Rejected - No Detail

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

**Notes:** *NOTIFICATION: Purchase order numbers are negotiable as part of trading partner relationships and can be pre-assigned in XPO01 or XPO02 in Transaction Set 852.*

BAK04	373	<b>Date</b>	M	DT	8/8	Must use
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**Description:** Date expressed as CCYYMMDD

**Notes:** *Date expressed as CCYYMMDD*

**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.

**Notes:**

*When notifying a retailer of a vendor-generated replenishment order, either code 00 or 16 is used in BAK01 and code AP is used in BAK02. When acknowledging a retailer's purchase order, code 00 is used in BAK01 and either code AD or AK is used in BAK02.*

*When changing a vendor-generated replenishment order, code 05 is used in BAK01 and code AP is used in BAK02. When acknowledging a retailer's purchase order with change, code 19 is used in BAK01 and either code AC or AE is used in BAK02.*

*When canceling a vendor-generated replenishment order, code 01 is used in BAK01 and code AP is used in BAK02. When acknowledging a retailer's purchase order with a cancellation, code 01 is used in BAK01 and code RJ is used in BAK02.*

# REF Reference Identification

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

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

**Purpose:** To specify identifying information

## Element Summary:

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

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1503, Included: 2)

**Code Name**

- DP Department Number
- IA Internal Vendor Number

**Notes:**

*Identification number assigned to the vendor, by the retailer, for use within the retailer's system*

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

**Notes:** *When REF01 equals 'IA' the HauteLook Assigned Vendor ID will be sent in the REF02.*

## 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.

# DTM Date/Time Reference

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

**User Option (Usage):** Used

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

## Element Summary:

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

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

**CodeList Summary** (Total Codes: 1112, Included: 2)

**Code Name**

001 Cancel After

**Notes:**

*If the order has not been shipped by this date, the order is considered canceled*

068 Current Schedule Ship

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

**Notes:** YYYYMMDD

## 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.

**Notes:**

*This segment is used to specify order processing dates.*

# Loop Baseline Item Data

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

**User Option (Usage):** Used

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	PO1	Baseline Item Data	O	1		Must use
040	CTP	Pricing Information	O	>1		Used
190	SDQ	Destination Quantity	O	500		Used

## Notes:

*The codes listed for PO106 apply to every occurrence of Data Element 235 in the PO1 segment.*

*See Section III for complete U.P.C. and EAN code definitions.*

# PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Optional	
Loop: PO1	Elements: 7

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

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO101	350	<b>Assigned Identification</b>  <b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set <b>Notes:</b> <i>Line item number.</i>	O	AN	1/20	Used
PO102	330	<b>Quantity Ordered</b>  <b>Description:</b> Quantity ordered	C	R	1/15	Must use
PO103	355	<b>Unit or Basis for Measurement Code</b>  <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>Notes:</b> <i>See Section III for code list.</i>	O	ID	2/2	Used
<b>CodeList Summary</b> (Total Codes: 794, Included: 1)						
<b>Code Name</b>						
EA Each						
PO104	212	<b>Unit Price</b>  <b>Description:</b> Price per unit of product, service, commodity, etc. <b>Notes:</b> <i>The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as ``15.95", and \$29.00 would be sent as ``29".  To indicate free goods, use a single zero (0) in PO104 and code NC in PO105.</i>	C	R	1/17	Must use
PO105	639	<b>Basis of Unit Price Code</b>  <b>Description:</b> Code identifying the type of unit price for an item <b>Notes:</b> <i>This data element is used to clarify or alter the basis of unit price. The unit price expressed in PO104 is always in the same terms as the unit of measure in PO103, unless otherwise specified in PO105.</i>	O	ID	2/2	Used
<b>CodeList Summary</b> (Total Codes: 91, Included: 2)						
<b>Code Name</b>						
NC No Charge						

**Code Name**

PE Price per Each

PO106	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Must use
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 477, Included: 3)

**Code Name**

EN European Article Number (EAN) (2-5-5-1)

UP U.P.C. Consumer Package Code (1-5-5-1)

VA Vendor's Style Number

PO107	234	<b>Product/Service ID</b>	C	AN	1/48	Must use
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**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.

**Comments:**

1. PO101 is the line item identification.
2. 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 - Optional	
Loop: PO1	Elements: 5

**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>
CTP01	687	Class of Trade Code	O	ID	2/2	Used

**Description:** Code indicating class of trade

**CodeList Summary** (Total Codes: 52, Included: 5)

<u>Code</u>	<u>Name</u>
AG	Agent
BG	Buying Group
DE	Dealer
DI	Distributor
RS	Resale

CTP02	236	Price Identifier Code	C	ID	3/3	Used
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**Description:** Code identifying pricing specification

**CodeList Summary** (Total Codes: 164, Included: 6)

<u>Code</u>	<u>Name</u>
ALT	Alternate Price
CAT	Catalog Price
MSR	Manufacturer's Suggested Retail
PRP	Promotional price

**Notes:**  
Promotion/Event

RES Resale  
**Notes:**  
Retail price

UCP Unit cost price  
**Notes:**  
Item list cost

CTP03	212	Unit Price	C	R	1/17	Used
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**Description:** Price per unit of product, service, commodity, etc.  
**Notes:** The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as ``15.95'', and \$29.00 would be sent as ``29''.

CTP04	380	Quantity	C	R	1/15	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Numeric value of quantity				
CTP05	C001	<b>Composite Unit of Measure</b>	C	Comp		Used
		<b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)				
CTP05-01	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 794, Included: 1)				
		<b>Code Name</b>				
		EA Each				

### 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.

# SDQ Destination Quantity

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

**User Option (Usage):** Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ01	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Used
<p><b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p><b>CodeList Summary</b> (Total Codes: 794, Included: 1)  <u>Code Name</u>                      EA    Each</p>						
SDQ02	66	<b>Identification Code Qualifier</b>	O	ID	1/2	Used
<p><b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)</p> <p><b>CodeList Summary</b> (Total Codes: 215, Included: 1)  <u>Code Name</u>                      92    Assigned by Buyer or Buyer's Agent</p>						
SDQ03	67	<b>Identification Code</b>	M	AN	2/80	Used
<p><b>Description:</b> Code identifying a party or other code</p> <p><b>Notes:</b> HauteLook's 4 digit FC number. HauteLook FC numbers should be 4 digits with leading 0's. For example, FC #1 would be sent as 0001.</p>						
SDQ04	380	<b>Quantity</b>	M	R	1/15	Used
<p><b>Description:</b> Numeric value of quantity</p>						
SDQ05	67	<b>Identification Code</b>	C	AN	2/80	Used
<p><b>Description:</b> Code identifying a party or other code</p>						
SDQ06	380	<b>Quantity</b>	C	R	1/15	Used
<p><b>Description:</b> Numeric value of quantity</p>						
SDQ07	67	<b>Identification Code</b>	C	AN	2/80	Used
<p><b>Description:</b> Code identifying a party or other code</p>						
SDQ08	380	<b>Quantity</b>	C	R	1/15	Used
<p><b>Description:</b> Numeric value of quantity</p>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ09	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used
SDQ10	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ11	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used
SDQ12	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ13	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used
SDQ14	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ15	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used
SDQ16	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ17	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used
SDQ18	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ19	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used
SDQ20	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ21	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used
SDQ22	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used
SDQ23	310	<b>Location Identifier</b>	O	AN	1/30	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Code which identifies a specific location				

### Syntax Rules:

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

### Semantics:

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

### Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

### Notes:

*This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103, and all occurrences of Data Element 67 in this segment function as N104. The SDQ segment functions as an N1 segment containing code BY in N101, that is, the SDQ segment specifies various buying locations. The N1 segment, in the basic order, specifies only one location.*

# Loop Transaction Totals

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

**User Option (Usage):** Used

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

## Loop Summary:

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

# CTT Transaction Totals

Pos: 010	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

**Notes:** *The number of PO1 segments present 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	NO	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		<b>Notes:</b> <i>This must be the same number as is in the ST segment (ST02) for the transaction set.</i>				

## Comments:

1. SE is the last segment of each transaction set.



# GE Functional Group Trailer

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

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

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	<b>Number of Transaction Sets Included</b>	M	N0	1/6	Must use
<p><b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element</p> <p><b>Notes:</b> <i>Number of ST segments within the group.</i></p>						
GE02	28	<b>Group Control Number</b>	M	N0	1/9	Must use
<p><b>Description:</b> Assigned number originated and maintained by the sender</p> <p><b>Notes:</b> <i>Must match GS06.</i></p>						

## Semantics:

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

## Comments:

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

# IEA Interchange Control Trailer

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

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

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	<b>Number of Included Functional Groups</b>	M	N0	1/5	Must use
		<p><b>Description:</b> A count of the number of functional groups included in an interchange</p> <p><b>Notes:</b> <i>Number of GS segments within transmission.</i></p>				
IEA02	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<p><b>Description:</b> A control number assigned by the interchange sender</p> <p><b>Notes:</b> <i>Must match ISA13.</i></p>				