



# **855 HC Purchase Order Acknowledgment - Canada**

Healthcare EDI

**Version: 006020HC 2012**

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# 855 HC Purchase Order Acknowledgment - Canada

## Functional Group=PR

**Purpose:** This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
0400	CUR	Currency	O	1			Used
0500	REF	Reference Information	O	>1			Used
0600	PER	Administrative Communications Contact	O	3			Used
1500	DTM	Date/Time Reference	O	10			Used
<b><u>LOOP ID - N1</u></b>					<b><u>200</u></b>		
3000	N1	Party Identification	O	1			Used
3100	N2	Additional Name Information	O	2			Used
3200	N3	Party Location	O	2			Used
3300	N4	Geographic Location	O	1			Used

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b><u>LOOP ID - PO1</u></b>					<b><u>100000</u></b>	<b><u>N2/0100L</u></b>	
0100	PO1	Baseline Item Data	O	1		N2/0100	Used
<b><u>LOOP ID - PID</u></b>					<b><u>1000</u></b>		
0500	PID	Product/Item Description	O	1			Used
1000	REF	Reference Information	O	>1			Used
<b><u>LOOP ID - ACK</u></b>					<b><u>104</u></b>		
2700	ACK	Line Item Acknowledgment	O	1			Used
<b><u>LOOP ID - SCH</u></b>					<b><u>200</u></b>	<b><u>N2/3100L</u></b>	
3100	SCH	Line Item Schedule	O	1		N2/3100	Used
<b><u>LOOP ID - N9</u></b>					<b><u>1000</u></b>		
3500	N9	Extended Reference Information	O	1			Used
3600	MTX	Text	O	>1			Used
<b><u>LOOP ID - N1</u></b>					<b><u>200</u></b>		
3700	N1	Party Identification	O	1			Used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
3800	N2	Additional Name Information	O	2			Used
3900	N3	Party Location	O	2			Used
4000	N4	Geographic Location	O	1			Used

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - CTT</b>					<b>1</b>	<b>N3/0100L</b>	
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0300	SE	Transaction Set Trailer	M	1			Must use

**Notes:**

- 2/0100L PO102 is required.
- 2/0100 PO102 is required.
- 2/3100L The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
- 2/3100 The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
- 3/0100L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
- 3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

# ST Transaction Set Header

Pos: 0100	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

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

**CodeList Summary** (Total Codes: 320, Included: 1)

**Code Name**

855 Purchase Order Acknowledgment

ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
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**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

**User Note 1:** *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.*

## Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

# BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 9

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

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

## User Note 1:

*When acknowledging a buyer's purchase order, code 00 Original is used in BAK01 and either code AD Acknowledge - With Detail, No Change or AK Acknowledge - No Detail or Change is used in BAK02.*

## 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: 67, Included: 3)

### Code Name

00 Original

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

*ACKNOWLEDGMENT: This is the original acknowledgment to the 850 Purchase Order*

01 Cancellation

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

*ACKNOWLEDGMENT: Cancels the buyer's purchase order.*

04 Change

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

**User Note 1:** *Codes AC, AD, AE, AK and RJ may be used only 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: 4)

### Code Name

AC Acknowledge - With Detail and Change

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

*Full purchase order detail is transmitted and includes changes*

AE Acknowledge - With Exception Detail Only

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

*Only transmit details of change*

AK Acknowledge - No Detail or Change

		<u>Code</u>	<u>Name</u>				
		RJ	Rejected - No Detail				
BAK03	324	<b>Purchase Order Number</b>		M	AN	1/22	Must use
		<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser					
BAK04	373	<b>Date</b>		M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year					
BAK05	328	<b>Release Number</b>		O	AN	1/30	Used
		<b>Description:</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction					
BAK07	367	<b>Contract Number</b>		O	AN	1/30	Used
		<b>Description:</b> Contract number					
BAK08	127	<b>Reference Identification</b>		O	AN	1/80	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
BAK09	373	<b>Date</b>		O	DT	8/8	Used
		<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year					
BAK10	640	<b>Transaction Type Code</b>		O	ID	2/2	Used
		<b>Description:</b> Code specifying the type of transaction					

**CodeList Summary** (Total Codes: 545, Included: 1)

**Code Name**

34 Emergency Request

**User Note 1:**

*Use this code for Rush Order identification*

**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.

# CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

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

## 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>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use

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

**CodeList Summary** (Total Codes: 1524, Included: 2)

**Code Name**

BY Buying Party (Purchaser)  
SE Selling Party

CUR02	100	Currency Code	M	ID	3/3	Must use
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**Description:** Code (Standard ISO) for country in whose currency the charges are specified

**User Note 1:** *See External Code Source 5*

## Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

## Comments:

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



# REF Reference Information

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify identifying information

## User Note 1:

*There must be one occurrence of this segment to specify the retailer's department number, if the retailer has department numbers. Additional segments may be used to specify other reference numbers.*

## 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	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
		<b>Description:</b> Code qualifying the Reference Identification				
		<b>CodeList Summary</b> (Total Codes: 1813, Included: 1)				
		<b>Code Name</b>				
		CO Customer Order Number				
REF02	127	<b>Reference Identification</b>	X	AN	1/80	Must use
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

## Syntax Rules:

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

## Semantics:

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

# PER Administrative Communications Contact

Pos: 0600	Max: 3
Heading - Optional	
Loop: N/A	Elements: 8

**User Option (Usage):** Used

**Purpose:** To identify a person or office to whom administrative communications should be directed

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	Contact Function Code	M	ID	2/2	Must use

**Description:** Code identifying the major duty or responsibility of the person or group named

**CodeList Summary** (Total Codes: 241, Included: 2)

**Code Name**

BD Buyer Name or Department  
CR Customer Relations

**User Note 1:**

*Customer Relation Contact at the Seller*

PER02	93	Name	O	AN	1/60	Used
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**Description:** Free-form name

**User Note 1:** *Customer Relation at Seller*

PER03	365	Communication Number Qualifier	X	ID	2/2	Used
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**Description:** Code identifying the type of communication number

**CodeList Summary** (Total Codes: 43, Included: 5)

**Code Name**

EM Electronic Mail  
FX Facsimile  
TE Telephone  
TS Text Message Address

**Description:** *A communication protocol allowing for instant communication between parties using a text messaging service, such as Short Message Service (SMS)*

UR Uniform Resource Locator (URL)

PER04	364	Communication Number	X	AN	1/256	Used
-------	-----	----------------------	---	----	-------	------

**Description:** Complete communications number including country or area code when applicable

PER05	365	Communication Number Qualifier	X	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

**Description:** Code identifying the type of communication number

**CodeList Summary** (Total Codes: 43, Included: 5)

**Code Name**

EM Electronic Mail

FX Facsimile

TE Telephone

TS Text Message Address

**Description:** *A communication protocol allowing for instant communication between parties using a text messaging service, such as Short Message Service (SMS)*

UR Uniform Resource Locator (URL)

PER06	364	<b>Communication Number</b>	X	AN	1/256	Used
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**Description:** Complete communications number including country or area code when applicable

PER07	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used
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**Description:** Code identifying the type of communication number

**CodeList Summary** (Total Codes: 43, Included: 5)

**Code Name**

EM Electronic Mail

FX Facsimile

TE Telephone

TS Text Message Address

**Description:** *A communication protocol allowing for instant communication between parties using a text messaging service, such as Short Message Service (SMS)*

UR Uniform Resource Locator (URL)

PER08	364	<b>Communication Number</b>	X	AN	1/256	Used
-------	-----	-----------------------------	---	----	-------	------

**Description:** Complete communications number including country or area code when applicable

**Syntax Rules:**

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

# DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 3

**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	<b>Date/Time Qualifier</b>	M	ID	3/3	Must use

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

**CodeList Summary** (Total Codes: 1307, Included: 2)

**Code Name**

067 Current Schedule Delivery  
069 Promised for Delivery

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

DTM03	337	<b>Time</b>	X	TM	4/8	Used
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**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)

## Syntax Rules:

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

# Loop Party Identification

Pos: 3000	Repeat: 200
Optional	
Loop: N1	Elements: N/A

**User Option (Usage):** Used

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

## 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>
3000	N1	Party Identification	O	1		Used
3100	N2	Additional Name Information	O	2		Used
3200	N3	Party Location	O	2		Used
3300	N4	Geographic Location	O	1		Used

# N1 Party Identification

<b>Pos: 3000</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Used

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

## User Note 1:

*This segment is used to identify the buyer's locations as they pertain to the order.  
The ship-to (N101 contains code-ST) may be identified in the header area or the detail area, but not both.*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

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

**CodeList Summary** (Total Codes: 1524, Included: 4)

### Code Name

BT Bill-to-Party  
SF Ship From  
ST Ship To  
VN Vendor

N102	93	<b>Name</b>	X	AN	1/60	Used
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**Description:** Free-form name

N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
------	----	--------------------------------------	---	----	-----	------

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

**CodeList Summary** (Total Codes: 254, Included: 3)

### Code Name

91 Assigned by Seller or Seller's Agent  
92 Assigned by Buyer or Buyer's Agent  
UL Global Location Number (GLN)

**Description:** A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system

### **User Note 1:**

*See External Code Source 583*

N104	67	<b>Identification Code</b>	X	AN	2/80	Used
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**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.
2. N105 and N106 further define the type of entity in N101.

# N2 Additional Name Information

Pos: 3100	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify additional names

## 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>
N201	93	<b>Name</b>	M	AN	1/60	Must use
		<b>Description:</b> Free-form name				
N202	93	<b>Name</b>	O	AN	1/60	Used
		<b>Description:</b> Free-form name				



# N3 Party Location

<b>Pos: 3200</b>	<b>Max: 2</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 2</b>

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

Pos: 3300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
		<b>User Note 1:</b> <i>See External Code Source 22</i>				
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		<b>User Note 1:</b> <i>See External Code Source 51</i>				
N404	26	<b>Country Code</b>	X	ID	2/3	Used
		<b>Description:</b> Code identifying the country				
		<b>User Note 1:</b> <i>See External Code Source 5</i>				

## Syntax Rules:

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

## Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

# Loop Baseline Item Data

Pos: 0100      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>
0100	PO1	Baseline Item Data	O	1		Used
0500		Loop PID	O		1000	Used
1000	REF	Reference Information	O	>1		Used
2700		Loop ACK	O		104	Used
3100		Loop SCH	O		200	Used
3500		Loop N9	O		1000	Used
3700		Loop N1	O		200	Used

# PO1 Baseline Item Data

Pos: 0100	Max: 1
Detail - Optional	
Loop: PO1	Elements: 13

**User Option (Usage):** Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO101	350	<b>Assigned Identification</b>	O	AN	1/20	Used
		<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set				
PO102	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
PO103	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Must use
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				

**CodeList Summary** (Total Codes: 903, Included: 37)

**Code Name**

AM Ampoule  
 BD Bundle  
 BG Bag  
 BO Bottle  
 BX Box  
 CA Case  
 CL Cylinder  
 CT Carton  
 DR Drum  
 DZ Dozen  
 EA Each  
 GA Gallon  
 GR Gram  
 KG Kilogram  
 KT Kit  
 LB Pound  
 LT Liter  
 MC Microgram  
 ME Milligram  
 ML Milliliter  
 MM Millimeter  
 MR Meter  
 OZ Ounce - Av  
 PK Package

<u>Code</u>	<u>Name</u>
PL	Pallet/Unit Load
PR	Pair
QT	Quart
RL	Roll
RM	Ream
SF	Square Foot
SH	Sheet
SL	Sleeve
SM	Square Meter
TB	Tube
TY	Tray
VI	Vial
YD	Yard

PO104 212 **Unit Price** X R 1/17 Used

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

**User Note 1:** *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".*

PO105 639 **Basis of Unit Price Code** O ID 2/2 Used

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

**User Note 1:** *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.*

**CodeList Summary** (Total Codes: 101, Included: 2)

**Code Name**

CT	Contract
QT	Quoted

PO106 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

**CodeList Summary** (Total Codes: 537, Included: 7)

**Code Name**

CR Contract Number

**User Note 1:** *The contract number is provided by the issuing/purchasing organization (when applicable).*

EN GTIN EAN/UCC - 13 Digit Data Structure

**Description:** *Data structure for the 13 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

EO GTIN EAN/UCC - 8 Digit Data Structure

**Code Name**

- Description:** *Data structure for the 8 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*
- IN Buyer's Item Number  
**User Note 1:**  
*To be phased out in future versions, to be replaced with GTIN (Global Trade Item Number)*
- UK GTIN 14-digit Data Structure  
**Description:** *Data structure for the 14 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*  
**User Note 1:**  
*Codes CA and UK are mutually exclusive; only one of those codes may be used within this segment.*
- UP GTIN UCC - 12 Digit Data Structure  
**Description:** *Data structure for the 12 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)*
- VN Vendor's (Seller's) Item Number  
**User Note 1:**  
*To be phased out in future versions, to be replaced with GTIN (Global Trade Item Number)*

PO107	234	<b>Product/Service ID</b>	X	AN	1/80	Used
-------	-----	---------------------------	---	----	------	------

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

PO108	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary (Total Codes: 537, Included: 7)**

**Code Name**

- CR Contract Number  
**User Note 1:**  
*The contract number is provided by the issuing/purchasing organization (when applicable).*
- EN GTIN EAN/UCC - 13 Digit Data Structure  
**Description:** *Data structure for the 13 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*
- EO GTIN EAN/UCC - 8 Digit Data Structure  
**Description:** *Data structure for the 8 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*
- IN Buyer's Item Number  
**User Note 1:**  
*To be phased out in future versions, to be replaced with GTIN (Global Trade Item Number)*
- UK GTIN 14-digit Data Structure  
**Description:** *Data structure for the 14 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*  
**User Note 1:**  
*Codes CA and UK are mutually exclusive; only one of those codes may be used within this segment.*

**Code Name**

UP GTIN UCC - 12 Digit Data Structure

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

VN Vendor's (Seller's) Item Number

**User Note 1:**

*To be phased out in future versions, to be replaced with GTIN (Global Trade Item Number)*

PO109	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

PO110	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
-------	-----	-------------------------------------	---	----	-----	------

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

**CodeList Summary (Total Codes: 537, Included: 7)**

**Code Name**

CR Contract Number

**User Note 1:**

*The contract number is provided by the issuing/purchasing organization (when applicable).*

EN GTIN EAN/UCC - 13 Digit Data Structure

**Description:** *Data structure for the 13 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

EO GTIN EAN/UCC - 8 Digit Data Structure

**Description:** *Data structure for the 8 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

IN Buyer's Item Number

**User Note 1:**

*To be phased out in future versions, to be replaced with GTIN (Global Trade Item Number)*

UK GTIN 14-digit Data Structure

**Description:** *Data structure for the 14 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

**User Note 1:**

*Codes CA and UK are mutually exclusive; only one of those codes may be used within this segment.*

UP GTIN UCC - 12 Digit Data Structure

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

VN Vendor's (Seller's) Item Number

**User Note 1:**

*To be phased out in future versions, to be replaced with GTIN (Global Trade Item Number)*

PO111	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

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

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

**CodeList Summary** (Total Codes: 537, Included: 7)

**Code Name**

CR Contract Number

**User Note 1:**

*The contract number is provided by the issuing/purchasing organization (when applicable).*

EN GTIN EAN/UCC - 13 Digit Data Structure

**Description:** *Data structure for the 13 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

EO GTIN EAN/UCC - 8 Digit Data Structure

**Description:** *Data structure for the 8 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

IN Buyer's Item Number

**User Note 1:**

*To be phased out in future versions, to be replaced with GTIN (Global Trade Item Number)*

UK GTIN 14-digit Data Structure

**Description:** *Data structure for the 14 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

**User Note 1:**

*Codes CA and UK are mutually exclusive; only one of those codes may be used within this segment.*

UP GTIN UCC - 12 Digit Data Structure

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

VN Vendor's (Seller's) Item Number

**User Note 1:**

*To be phased out in future versions, to be replaced with GTIN (Global Trade Item Number)*

PO113	234	<b>Product/Service ID</b>	X	AN	1/80	Used
-------	-----	---------------------------	---	----	------	------

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

**Syntax Rules:**

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.



11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

**Semantics:**

1. PO102 is quantity ordered.

**Comments:**

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

# Loop Product/Item Description

Pos: 0500	Repeat: 1000
Optional	
Loop: PID	Elements: N/A

**User Option (Usage):** Used

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

## 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>
0500	PID	Product/Item Description	O	1		Used

# PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

**User Option (Usage):** Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Must use

**Description:** Code indicating the format of a description

**CodeList Summary** (Total Codes: 3, Included: 1)

**Code Name**

F Free-form

**User Note 1:**

*The description will be found in PID05.*

PID05	352	Description	X	AN	1/80	Used
-------	-----	-------------	---	----	------	------

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

PID09	819	Language Code	O	ID	2/3	Used
-------	-----	---------------	---	----	-----	------

**Description:** Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

**User Note 1:** *See External Code Source 102*  
*Examples: EN - English and FR - French*

## Syntax Rules:

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

## Semantics:

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

## Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.

3. PID07 specifies the individual code list of the agency specified in PID03.

# REF Reference Information

Pos: 1000	Max: >1
Detail - Optional	
Loop: PO1	Elements: 2

**User Option (Usage):** Used

**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	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use												
<p><b>Description:</b> Code qualifying the Reference Identification</p> <p><b>CodeList Summary</b> (Total Codes: 1813, Included: 5)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BO</td> <td>Bin Location Number</td> </tr> <tr> <td>DP</td> <td>Department Number</td> </tr> <tr> <td>LT</td> <td>Lot Number</td> </tr> <tr> <td>LU</td> <td>Location Number</td> </tr> <tr> <td>SE</td> <td>Serial Number</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	BO	Bin Location Number	DP	Department Number	LT	Lot Number	LU	Location Number	SE	Serial Number
<u>Code</u>	<u>Name</u>																	
BO	Bin Location Number																	
DP	Department Number																	
LT	Lot Number																	
LU	Location Number																	
SE	Serial Number																	
REF02	127	<b>Reference Identification</b>	X	AN	1/80	Used												
<p><b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>																		

## 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.

# Loop Line Item Acknowledgment

Pos: 2700	Repeat: 104
Optional	
Loop: ACK	Elements: N/A

**User Option (Usage):** Used

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2700	ACK	Line Item Acknowledgment	O	1		Used

# ACK Line Item Acknowledgment

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

**User Option (Usage):** Used

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

## Element Summary:

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

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

**CodeList Summary** (Total Codes: 26, Included: 11)

**Code Name**

- AC Item Accepted and Shipped
- IA Item Accepted
- IB Item Backordered
- IC Item Accepted - Changes Made
- ID Item Deleted

**User Note 1:**

*Cancellation of a line item*

- IP Item Accepted - Price Changed
- IQ Item Accepted - Quantity Changed
- IR Item Rejected
- IS Item Accepted - Substitution Made
- R2 Item Rejected, Invalid Item Product Number
- R3 Item Rejected, Invalid Unit of Issue

ACK02	380	Quantity	X	R	1/15	Used
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**Description:** Numeric value of quantity

**User Note 1:** *Quantity which the change affects, i.e., the quantity that applies to the dates sent in ACK04 and ACK05*

ACK03	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 903, Included: 37)

**Code Name**

- AM Ampoule
- BD Bundle
- BG Bag
- BO Bottle
- BX Box
- CA Case

<b><u>Code</u></b>	<b><u>Name</u></b>
CL	Cylinder
CT	Carton
DR	Drum
DZ	Dozen
EA	Each
GA	Gallon
GR	Gram
KG	Kilogram
KT	Kit
LB	Pound
LT	Liter
MC	Microgram
ME	Milligram
ML	Milliliter
MM	Millimeter
MR	Meter
OZ	Ounce - Av
PK	Package
PL	Pallet/Unit Load
PR	Pair
QT	Quart
RL	Roll
RM	Ream
SF	Square Foot
SH	Sheet
SL	Sleeve
SM	Square Meter
TB	Tube
TY	Tray
VI	Vial
YD	Yard

ACK04 374 **Date/Time Qualifier** O ID 3/3 Used

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

**CodeList Summary** (Total Codes: 1307, Included: 4)

<b><u>Code</u></b>	<b><u>Name</u></b>
002	Delivery Requested
017	Estimated Delivery
067	Current Schedule Delivery
100	No Shipping Schedule Established as of

ACK05 373 **Date** X DT 8/8 Used

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

**Syntax Rules:**



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

### **Semantics:**

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

# Loop Line Item Schedule

Pos: 3100	Repeat: 200
Optional	
Loop: SCH	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To specify the data for scheduling a specific line-item

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
3100	SCH	Line Item Schedule	O	1		Used

# SCH Line Item Schedule

Pos: 3100                      Max: 1  
 Detail - Optional  
 Loop: SCH                  Elements: 5

**User Option (Usage):** Used

**Purpose:** To specify the data for scheduling a specific line-item

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SCH01	380	<b>Quantity</b>	M	R	1/15	Must use
		<b>Description:</b> Numeric value of quantity				
SCH02	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				

**CodeList Summary** (Total Codes: 903, Included: 37)

<u>Code</u>	<u>Name</u>
AM	Ampoule
BD	Bundle
BG	Bag
BO	Bottle
BX	Box
CA	Case
CL	Cylinder
CT	Carton
DR	Drum
DZ	Dozen
EA	Each
GA	Gallon
GR	Gram
KG	Kilogram
KT	Kit
LB	Pound
LT	Liter
MC	Microgram
ME	Milligram
ML	Milliliter
MM	Millimeter
MR	Meter
OZ	Ounce - Av
PK	Package
PL	Pallet/Unit Load
PR	Pair
QT	Quart
RL	Roll
RM	Ream

**Code Name**

SF Square Foot  
SH Sheet  
SL Sleeve  
SM Square Meter  
TB Tube  
TY Tray  
VI Vial  
YD Yard

SCH03 98 **Entity Identifier Code** O ID 2/3 Used

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

**CodeList Summary** (Total Codes: 1524, Included: 1)

**Code Name**

BY Buying Party (Purchaser)

SCH04 93 **Name** X AN 1/60 Used

**Description:** Free-form name

SCH05 374 **Date/Time Qualifier** M ID 3/3 Must use

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

**CodeList Summary** (Total Codes: 1307, Included: 4)

**Code Name**

002 Delivery Requested  
009 Process  
061 Cancel if Not Delivered by  
064 Do Not Deliver Before

**Syntax Rules:**

1. C0304 - If SCH03 is present, then SCH04 is required.
2. L080910 - If SCH08 is present, then at least one of SCH09 or SCH10 is required.
3. C0908 - If SCH09 is present, then SCH08 is required.
4. C1008 - If SCH10 is present, then SCH08 is required.

**Semantics:**

1. SCH12 is the schedule identification.

**Comments:**

1. SCH05 specifies the interpretation to be used for SCH06 and SCH07.

# Loop Extended Reference Information

Pos: 3500	Repeat: 1000
Optional	
Loop: N9	Elements: N/A

**User Option (Usage):** Used

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
3500	N9	Extended Reference Information	O	1		Used
3600	MTX	Text	O	>1		Used

# N9 Extended Reference Information

Pos: 3500	Max: 1
Detail - Optional	
Loop: N9	Elements: 3

**User Option (Usage):** Used

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

## Element Summary:

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

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1813, Included: 4)

**Code Name**

FI File Identifier  
SF Ship From  
FTP File Transfer Protocol (FTP) Locator  
URL Uniform Resource Locator

N902	127	Reference Identification	X	AN	1/80	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**User Note 1:**

*When N901 = SF Ship From, N902 will provide the Global Location Number (GLN) belonging to and provided by the Supplier reflected in N903.*

N903	369	Free-form Description	X	AN	1/45	Used
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**Description:** Free-form descriptive text

**User Note 1:**

*N903 describes the ship from organization in a free form text.*

## Syntax Rules:

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

## Semantics:

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

# MTX Text

<b>Pos: 3600</b>	<b>Max: &gt;1</b>
<b>Detail - Optional</b>	
<b>Loop: N9</b>	<b>Elements: 3</b>

**User Option (Usage):** Used

**Purpose:** To specify textual data

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MTX01	363	<b>Note Reference Code</b>	O	ID	3/3	Used

**Description:** Code identifying the functional area or purpose for which the note applies

**User Note 1:** *Healthcare Technical Standards Work Group - Identify the codeds for the MTX*

**CodeList Summary** (Total Codes: 362, Included: 1)

**Code Name**

OTH Other Instructions

**User Note 1:**

*Information pertains to file type*

MTX02	1551	<b>Textual Data</b>	X	AN	1/4096	Used
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**Description:** To transmit large volumes of message text

MTX03	1551	<b>Textual Data</b>	O	AN	1/4096	Used
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**Description:** To transmit large volumes of message text

## Syntax Rules:

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

## Semantics:

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

## Comments:

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

# Loop Party Identification

Pos: 3700	Repeat: 200
Optional	
Loop: N1	Elements: N/A

**User Option (Usage):** Used

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

## User Note 1:

*There can be only one iteration of the N1 loop in the detail area for each PO1 segment.*

## 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>
3700	N1	Party Identification	O	1		Used
3800	N2	Additional Name Information	O	2		Used
3900	N3	Party Location	O	2		Used
4000	N4	Geographic Location	O	1		Used



# N1 Party Identification

Pos: 3700	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

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

## User Note 1:

*There can be only one iteration of the N1 loop in the detail area for each PO1 segment.*

## 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

**CodeList Summary** (Total Codes: 1524, Included: 2)

**Code Name**

SF Ship From  
ST Ship To

N102	93	Name	X	AN	1/60	Must use
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**Description:** Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used
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**Description:** Code designating the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 254, Included: 3)

**Code Name**

91 Assigned by Seller or Seller's Agent  
92 Assigned by Buyer or Buyer's Agent  
UL Global Location Number (GLN)

**Description:** *A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system*

**User Note 1:**

*See External Code Source 583*

N104	67	Identification Code	X	AN	2/80	Used
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**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.
2. N105 and N106 further define the type of entity in N101.

# N2 Additional Name Information

Pos: 3800	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify additional names

## 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>
N201	93	<b>Name</b>	M	AN	1/60	Must use
		<b>Description:</b> Free-form name				
N202	93	<b>Name</b>	O	AN	1/60	Used
		<b>Description:</b> Free-form name				

# N3 Party Location

<b>Pos: 3900</b>	<b>Max: 2</b>
<b>Detail - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 2</b>

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

Pos: 4000	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	<b>City Name</b>  <b>Description:</b> Free-form text for city name	O	AN	2/30	Used
N402	156	<b>State or Province Code</b>  <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency <b>User Note 1:</b> <i>See External Code Source 22</i>	X	ID	2/2	Used
N403	116	<b>Postal Code</b>  <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States) <b>User Note 1:</b> <i>See External Code Source 51</i>	O	ID	3/15	Used
N404	26	<b>Country Code</b>  <b>Description:</b> Code identifying the country <b>User Note 1:</b> <i>See External Code Source 5</i>	X	ID	2/3	Used

## Syntax Rules:

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

## Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

# Loop Transaction Totals

Pos: 0100	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>
0100	CTT	Transaction Totals	O	1		Used

# CTT Transaction Totals

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

**User Option (Usage):** Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

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

**User Note 1:** *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: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

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

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		<b>User Note 1:</b> <i>This must be the same number as is in the ST segment (ST02) for the transaction set.</i>				

## Comments:

- SE is the last segment of each transaction set.