



# **850 HC Purchase Order**

Healthcare EDI Consignment

**Version: 006020HC 2020 Final**

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# 850 HC Purchase Order - Canada

## Functional Group=PO

**Purpose:** This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

### 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	BEG	Beginning Segment for Purchase Order	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
1100	CSH	Sales Requirements	O	5		N1/1100	Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used
1500	DTM	Date/Time Reference	O	10			Used
<b>LOOP ID - N1</b>					<b>200</b>		
3100	N1	Party Identification	O	1			Used
3200	N2	Additional Name Information	O	2			Used
3300	N3	Party Location	O	2			Used
3400	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>LOOP ID - PO1</b>					<b>100000</b>	<b>N2/0100L</b>	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
<b>LOOP ID - PID</b>					<b>1000</b>		
0500	PID	Product/Item Description	O	1			Used
1000	REF	Reference Information	O	>1			Used
<b>LOOP ID - SCH</b>					<b>200</b>	<b>N2/2950L</b>	
2950	SCH	Line Item Schedule	O	1		N2/2950	Used
<b>LOOP ID - N9</b>					<b>1000</b>		
3300	N9	Extended Reference Information	O	1			Used
<b>LOOP ID - N1</b>					<b>200</b>		
3500	N1	Party Identification	O	1			Used
3600	N2	Additional Name Information	O	2			Used
3700	N3	Party Location	O	2			Used
3800	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:**

- 1/1100 CSH03 Amount is to be populated with \$0.00. Consignment pricing is reflected in PO104 Unit Price.
- 2/0100L PO102 is required.
- 2/0100 PO102 is required.
- 2/2950L 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.
- 2/2950 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	Transaction Set Identifier Code	M	ID	3/3	Must use

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

**Code List Summary** (Total Codes: 320, Included: 1)

**Code Name**

850 Purchase Order

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

## Semantics:

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

# BEG Beginning Segment for Purchase Order

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

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

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

## User Note 1:

*If BEG02 contains code RL, then BEG04 is required.  
BEG03 contains the purchase order number which is being released against and  
BEG04 contains the release number.*

## User Note 2:

*To identify a consignment order, BEG02 has a value of CN.*

## User Note 3:

*Consignment product information is identified in the PO1 segment.*

## User Note 4:

*There are two ways of processing a consignment order;*

- 1. To identify replenish*
  - CSH01 use code "C" for Consignment*
  - CSH02 use code "RX" Replace for replenishment*
- 2. To identify bill only*
  - CSH01 use code "C" for Consignment*
  - CSH02 use code "CE" Charge for bill only*

## 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>
BEG01	353	<b>Transaction Set Purpose Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying purpose of transaction set						
<b>Code List Summary</b> (Total Codes: 67, Included: 4)						
<b>Code Name</b>						
00 Original						
01 Cancellation						
06 Confirmation						
22 Information Copy						
BEG02	92	<b>Purchase Order Type Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code specifying the type of Purchase Order						
<b>Code List Summary</b> (Total Codes: 82, Included: 1)						
<b>Code Name</b>						
CN Consigned Order						
BEG03	324	<b>Purchase Order Number</b>	M	AN	1/22	Must use
<b>Description:</b> Identifying number for Purchase Order assigned by the						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		orderer/purchaser <b>User Note 1:</b> <i>Purchaser's original purchase order number</i>				
BEG04	328	<b>Release Number</b>  <b>Description:</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction  <b>User Note 1:</b> <i>Purchaser's release against the purchase order, if used</i>	O	AN	1/30	Used
BEG05	373	<b>Date</b>  <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year  <b>User Note 1:</b> <i>Purchaser's original purchase order date</i>	M	DT	8/8	Must use
BEG12	640	<b>Transaction Type Code</b>  <b>Description:</b> Code specifying the type of transaction  <b>Code List Summary</b> (Total Codes: 545, Included: 1)  <b>Code Name</b> 34 Emergency Request	O	ID	2/2	Used

**Semantics:**

1. BEG05 is the date assigned by the purchaser to purchase order.

# CUR Currency

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

**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	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

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

**Code List Summary** (Total Codes: 1524, Included: 2)

**Code Name**

BY Buying Party (Purchaser)  
SE Selling Party

CUR02	100	<b>Currency Code</b>	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 Reference Document - ISO 4217  
Currency Codes. Eg. CAD Canada;  
USD United States of America (USA)  
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 Reference Document - 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

## 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

**Code List Summary** (Total Codes: 1813, Included: 2)

**Code Name**

CO Customer Order Number  
 DP Department Number

REF02	127	Reference Identification	X	AN	1/80	Must use
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

## Syntax Rules:

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

## Semantics:

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

# PER Administrative Communications Contact

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

**Code List Summary** (Total Codes: 241, Included: 2)

**Code Name**

BD Buyer Name or Department  
CW Confirmed With

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

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

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

PER05	365	Communication Number Qualifier	X	ID	2/2	Used
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**Description:** Code identifying the type of communication number

**Code List Summary** (Total Codes: 43, Included: 5)

**Code Name**

EM Electronic Mail  
FX Facsimile  
TE Telephone

**Code Name**

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

**Code List 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
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**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.

# CSH Sales Requirements

Pos: 1100	Max: 5
Heading - Optional	
Loop: N/A	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify general conditions or requirements of the sale

## 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>
CSH01	563	<b>Sales Requirement Code</b>	O	ID	1/2	Used

**Description:** Code to identify a specific requirement or agreement of sale

**Code List Summary** (Total Codes: 57, Included: 1)

**Code Name**

C Consignment

CSH02	306	<b>Action Code</b>	O	ID	1/2	Used
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**Description:** Code indicating type of action

**Code List Summary** (Total Codes: 324, Included: 2)

**Code Name**

CE Charge  
RX Replace

CSH03	610	<b>Amount</b>	X	N2	1/15	Used
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**Description:** Monetary amount

**User Note 1:**

*Amount is to be populated with \$0.00. Consignment pricing is reflected in PO104 Unit Price.*

## Syntax Rules:

1. C0203 - If CSH02 is present, then CSH03 is required.
2. P0607 - If either CSH06 or CSH07 is present, then the other is required.
3. P0910 - If either CSH09 or CSH10 is present, then the other is required.

## Semantics:

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

# ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300	Max: >1
Heading - Optional	
Loop: N/A	Elements: 7

**User Option (Usage):** Used

**Purpose:** To specify terms of sale

## User Note 1:

*This segment may be used in the header 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>
ITD01	336	<b>Terms Type Code</b>	O	ID	2/2	Used

**Description:** Code identifying type of payment terms

**Code List Summary** (Total Codes: 77, Included: 8)

**Code Name**

- 02 End of Month (EOM)
- 04 Deferred or Installment
- 05 Discount Not Applicable
- 08 Basic Discount Offered
- 09 Proximo
- 12 10 Days After End of Month (10 EOM)
- 14 Previously agreed upon
- 21 Fast Pay

**Description:**

*Code indicating that an invoice is subject to accelerated payment*

ITD02	333	<b>Terms Basis Date Code</b>	O	ID	1/2	Used
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**Description:** Code identifying the beginning of the terms period

**Code List Summary** (Total Codes: 17, Included: 7)

**Code Name**

- 1 Ship Date
- 2 Delivery Date
- 3 Invoice Date
- 4 Specified Date
- 7 Effective Date
- 8 Invoice Transmission Date
- 15 Receipt of Goods

ITD03	338	<b>Terms Discount Percent</b>	O	R	1/6	Used
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**Description:** Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

**User Note 1:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".</i>				
ITD05	351	<b>Terms Discount Days Due</b>  <b>Description:</b> Number of days in the terms discount period by which payment is due if terms discount is earned  <b>User Note 1:</b> <i>The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</i>	X	N0	1/3	Used
ITD07	386	<b>Terms Net Days</b>  <b>Description:</b> Number of days until total invoice amount is due (discount not applicable)  <b>User Note 1:</b> <i>The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</i>	O	N0	1/3	Used
ITD08	362	<b>Terms Discount Amount</b>  <b>Description:</b> Total amount of terms discount	O	N2	1/10	Used
ITD12	352	<b>Description</b>  <b>Description:</b> A free-form description to clarify the related data elements and their content	O	AN	1/80	Used

### Syntax Rules:

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

### Semantics:

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

### Comments:

1. If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

# 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

## User Note 1:

*This segment is used to specify order processing 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>										
DTM01	374	<b>Date/Time Qualifier</b>	M	ID	3/3	Must use										
		<p><b>Description:</b> Code specifying type of date or time, or both date and time</p> <p><b>Code List Summary</b> (Total Codes: 1307, Included: 4)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>002</td> <td>Delivery Requested</td> </tr> <tr> <td>009</td> <td>Process</td> </tr> <tr> <td>061</td> <td>Cancel if Not Delivered by</td> </tr> <tr> <td>064</td> <td>Do Not Deliver Before</td> </tr> </tbody> </table>					<u>Code</u>	<u>Name</u>	002	Delivery Requested	009	Process	061	Cancel if Not Delivered by	064	Do Not Deliver Before
<u>Code</u>	<u>Name</u>															
002	Delivery Requested															
009	Process															
061	Cancel if Not Delivered by															
064	Do Not Deliver Before															
DTM02	373	<b>Date</b>	X	DT	8/8	Must use										
		<p><b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</p>														
DTM03	337	<b>Time</b>	X	TM	4/8	Used										
		<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>														

## 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: 3100	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>
3100	N1	Party Identification	O	1		Used
3200	N2	Additional Name Information	O	2		Used
3300	N3	Party Location	O	2		Used
3400	N4	Geographic Location	O	>1		Used



# N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

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

## 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

**Code List Summary** (Total Codes: 1524, Included: 7)

**Code Name**

BG Buying Group  
 BT Bill-to-Party  
 BY Buying Party (Purchaser)  
 CI Consignor  
 CN Consignee  
 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
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**Description:** Code designating the system/method of code structure used for Identification Code (67)

**Code List 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:**

*Global Location Number (GLN)*  
 A globally unique 13 digit code used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key  
 See 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: 3200	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

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

**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: 3400	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 Reference Document - ISO Country Code 3166 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
Mandatory	
Loop: PO1	Elements: N/A

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

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	PO1	Baseline Item Data	M	1		Must use
0500		Loop PID	O		1000	Used
1000	REF	Reference Information	O	>1		Used
2950		Loop SCH	O		200	Used
3300		Loop N9	O		1000	Used
3500		Loop N1	O		200	Used

# PO1 Baseline Item Data

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

**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>	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	Must use
		<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				

### Code List 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.*

**Code List Summary** (Total Codes: 101, Included: 1)

**Code Name**

LE Catalog Price per Each

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)

**Code List Summary** (Total Codes: 537, Included: 7)

**Code Name**

CR Contract Number

EN GTIN EAN/UCC - 13 Digit Data Structure

**Description:**

*GTIN-13  
A 13-digit GS1 Identification Key composed of a GS1 Company Prefix,*



**Code Name**

*Item Reference and Check Digit used to identify trade items  
See Code Source 41*

EO GTIN EAN/UCC - 8 Digit Data Structure

**Description:**

*GTIN-8  
An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items  
See Code Source 41*

IN Buyer's Item Number

UK GTIN 14-digit Data Structure

**Description:**

*GTIN-14  
A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items  
See Code Source 41*

UP GTIN UCC - 12 Digit Data Structure

**Description:**

*GTIN-12  
A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items  
See Code Source 41*

VN Vendor's (Seller's) Item Number

PO107	234	<b>Product/Service ID</b>	X	AN	1/80	Used
		<b>Description:</b> Identifying number for a product or service				

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

**Code List Summary (Total Codes: 537, Included: 7)**

**Code Name**

CR Contract Number

EN GTIN EAN/UCC - 13 Digit Data Structure

**Description:**

*GTIN-13  
A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items  
See Code Source 41*

EO GTIN EAN/UCC - 8 Digit Data Structure

**Description:**

*GTIN-8  
An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items  
See Code Source 41*

IN Buyer's Item Number

**Code Name**

UK GTIN 14-digit Data Structure

**Description:**

*GTIN-14*

*A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

*See Code Source 41*

UP GTIN UCC - 12 Digit Data Structure

**Description:**

*GTIN-12*

*A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items*

*See Code Source 41*

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

**Code List Summary** (Total Codes: 537, Included: 7)

**Code Name**

CR Contract Number

EN GTIN EAN/UCC - 13 Digit Data Structure

**Description:**

*GTIN-13*

*A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

*See Code Source 41*

EO GTIN EAN/UCC - 8 Digit Data Structure

**Description:**

*GTIN-8*

*An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items*

*See Code Source 41*

IN Buyer's Item Number

UK GTIN 14-digit Data Structure

**Description:**

*GTIN-14*

*A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

*See Code Source 41*

UP GTIN UCC - 12 Digit Data Structure

**Description:**

**Code Name**

*GTIN-12*

*A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items*

*See Code Source 41*

VN Vendor's (Seller's) 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

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)

**Code List Summary** (Total Codes: 537, Included: 7)

**Code Name**

CR Contract Number

EN GTIN EAN/UCC - 13 Digit Data Structure

**Description:**

*GTIN-13*

*A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

*See Code Source 41*

EO GTIN EAN/UCC - 8 Digit Data Structure

**Description:**

*GTIN-8*

*An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items*

*See Code Source 41*

IN Buyer's Item Number

UK GTIN 14-digit Data Structure

**Description:**

*GTIN-14*

*A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

*See Code Source 41*

UP GTIN UCC - 12 Digit Data Structure

**Description:**

*GTIN-12*

*A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items*

*See Code Source 41*

VN Vendor's (Seller's) Item Number

PO113	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>
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### 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	<b>Item Description Type</b>	M	ID	1/1	Must use

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

**Code List Summary** (Total Codes: 3, Included: 1)

**Code Name**

F Free-form

PID05	352	<b>Description</b>	X	AN	1/80	Used
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**Description:** A free-form description to clarify the related data elements and their content

PID09	819	<b>Language Code</b>	O	ID	2/3	Used
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**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*

**User Note 2:**

*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	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification

**Code List Summary** (Total Codes: 1813, Included: 3)

**Code Name**

BO Bin Location Number  
DP Department Number  
LU Location Number

REF02	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

## 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 Schedule

Pos: 2950	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>
2950	SCH	Line Item Schedule	O	1		Used

# SCH Line Item Schedule

Pos: 2950	Max: 1
Detail - Optional	
Loop: SCH	Elements: 8

**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

**Description:** Numeric value of quantity

SCH02	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
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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

**Code List 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

**Code List 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

**Code List Summary** (Total Codes: 1307, Included: 3)

**Code Name**

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

SCH06 373 **Date** M DT 8/8 Must use

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

SCH07 337 **Time** O TM 4/8 Used

**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)

SCH12 350 **Assigned Identification** O AN 1/20 Used

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

### **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: 3300	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>
3300	N9	Extended Reference Information	O	1		Used

# N9 Extended Reference Information

Pos: 3300	Max: 1
Detail - Optional	
Loop: N9	Elements: 4

**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

**Code List Summary** (Total Codes: 1813, Included: 8)

**Code Name**

- BG Beginning Serial Number
- LT Lot Number
- MJ Model Number
- SE Serial Number
- X7 Batch Sequence Number
- DIN Drug Identification Number
- MDC Medical Device Class
- MDL Medical Device License Number

N902	127	Reference Identification	X	AN	1/80	Used
------	-----	--------------------------	---	----	------	------

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

N903	369	Free-form Description	X	AN	1/45	Used
------	-----	-----------------------	---	----	------	------

**Description:** Free-form descriptive text

**User Note 1:**

*Trade Item status codes are used for tracking purposes.*

- . Defective
- . Expired
- . Used
- . Wasted

N907	C040	Reference Identifier	O	Comp		Used
------	------	----------------------	---	------	--	------

**Description:** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

N907-01	128	Reference Identification Qualifier	M	ID	2/3	Must use
---------	-----	------------------------------------	---	----	-----	----------

**Description:** Code qualifying the Reference Identification

**Code List Summary** (Total Codes: 1813, Included: 2)

**Code Name**

EG Ending Serial Number

FK Finish Lot Number

N907-02 127 **Reference Identification** M AN 1/80 Must use

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

**Syntax Rules:**

1. R0203 - At least one of 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.

# Loop Party Identification

Pos: 3500	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>
3500	N1	Party Identification	O	1		Used
3600	N2	Additional Name Information	O	2		Used
3700	N3	Party Location	O	2		Used
3800	N4	Geographic Location	O	1		Used



# N1 Party Identification

Pos: 3500	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:

<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

**Code List Summary** (Total Codes: 1524, Included: 1)

**Code Name**

ST Ship To

N102	93	<b>Name</b>	X	AN	1/60	Used
------	----	-------------	---	----	------	------

**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)

**Code List 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:**

*Global Location Number (GLN)*

*A globally unique 13 digit code used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key*

*See Code Source 583*

N104	67	<b>Identification Code</b>	X	AN	2/80	Used
------	----	----------------------------	---	----	------	------

**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: 3600	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

Pos: 3700	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

**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: 3800	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>	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 Reference Document - ISO Country Code 3166 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 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

## 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				

**User Note 1:**

*This must be the same number as is in the ST02*

## Comments:

- SE is the last segment of each transaction set.