



850 HC Purchase Order - Canada

Healthcare EDI

Version: 006020HC 2012

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Table of Contents

850	HC Purchase Order - Canada	1
ST	Transaction Set Header	3
BEG	Beginning Segment for Purchase Order	4
CUR	Currency	7
REF	Reference Information	8
PER	Administrative Communications Contact	9
CSH	Sales Requirements	11
ITD	Terms of Sale/Deferred Terms of Sale	12
DTM	Date/Time Reference	14
N1	Loop Party Identification	15
N1	Party Identification	16
N2	Additional Name Information	18
N3	Party Location	19
N4	Geographic Location	20
PO1	Loop Baseline Item Data	21
PO1	Baseline Item Data	22
PID	Loop Product/Item Description	29
PID	Product/Item Description	30
REF	Reference Information	32
CSH	Sales Requirements	33
SCH	Loop Line Item Schedule	35
SCH	Line Item Schedule	36
N9	Loop Extended Reference Information	39
N9	Extended Reference Information	40
N1	Loop Party Identification	42
N1	Party Identification	43
N2	Additional Name Information	45
N3	Party Location	46
N4	Geographic Location	47
CTT	Loop Transaction Totals	48
CTT	Transaction Totals	49
SE	Transaction Set Trailer	50

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			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used
1500	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					200		
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>
LOOP ID - PO1					100000	N2/0100L	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
LOOP ID - PID					1000		
0500	PID	Product/Item Description	O	1			Used
1000	REF	Reference Information	O	>1			Used
1420	CSH	Sales Requirements	O	>1			Used
LOOP ID - SCH					200	N2/2950L	
2950	SCH	Line Item Schedule	O	1		N2/2950	Used
LOOP ID - N9					1000		
3300	N9	Extended Reference Information	O	1			Used
LOOP ID - N1					200		
3500	N1	Party Identification	O	1			Used
3600	N2	Additional Name Information	O	2			Used
3700	N3	Party Location	O	2			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	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>
LOOP ID - CTT					1	N3/0100L	
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.
- 2/2950L 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				
<p>Description: Code uniquely identifying a Transaction Set</p> <p>CodeList Summary (Total Codes: 320, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>850</td> <td>Purchase Order</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	850	Purchase Order
<u>Code</u>	<u>Name</u>									
850	Purchase Order									
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use				
<p>Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</p>										

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 consigned order, BEG02 has a value of CN.
- . Consigned product is identified in the PO1 segment.
- . For replenishing consigned product IT801 has a value of

C – Consignment

Note: This code is to be used for the Consignment Inventory Product where an invoice is to be generated and the consigned product is to be replenished

- . For invoicing only of consigned product IT801 has a value of

UL – Other Unlisted Sales Condition

Note: This code is to be used for the Consignment Inventory Product where only an invoice is to be generated with NO replenishment

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	Transaction Set Purpose Code	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 67, Included: 4)

<u>Code</u>	<u>Name</u>
00	Original
01	Cancellation
06	Confirmation
22	Information Copy

User Note 1:

This code is used to notify anyone other than the seller about this order.

BEG02	92	Purchase Order Type Code	M	ID	2/2	Must use
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Description: Code specifying the type of Purchase Order

CodeList Summary (Total Codes: 82, Included: 6)

<u>Code</u>	<u>Name</u>
BK	Blanket Order (Quantity Firm)

User Note 1:

<u>Code</u>	<u>Name</u>
	<i>Order placed with specified dollar amounts with start and end date of the contract</i>
CN	Consigned Order User Note 1: <i>An order that is to be shipped to a provider who pays only for what is used/administrered</i>
DS	Dropship
RL	Release or Delivery Order Description: <i>An order for goods and services placed against a pre-existing contract or blanket order</i>
SA	Stand-alone Order User Note 1: <i>A one time order to purchase goods or services.</i>
ST	Standing Order User Note 1: <i>A standing order is an instruction a buyer gives to their supplier to deliver a set quantity of product or services according to a schedule.</i>

BEG03 324 **Purchase Order Number** M AN 1/22 Must use
Description: Identifying number for Purchase Order assigned by the orderer/purchaser

User Note 1:
Purchaser's original purchase order number

BEG04 328 **Release Number** O AN 1/30 Used
Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

User Note 1:
Purchaser's release against the purchase order, if used

BEG05 373 **Date** M DT 8/8 Must use
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1:
Purchaser's original purchase order date

BEG12 640 **Transaction Type Code** O ID 2/2 Used
Description: Code specifying the type of transaction

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

<u>Code</u>	<u>Name</u>
34	Emergency Request User Note 1: <i>Rush Order identification</i>

Semantics:

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

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

Element Summary:

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

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1813, Included: 2)

Code Name

CO	Customer Order Number
DP	Department Number

User Note 1:

This code may be used in the header area or the detail area, but not both.

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
		<p>Description: Code identifying the major duty or responsibility of the person or group named</p> <p>CodeList Summary (Total Codes: 241, Included: 2)</p> <p><u>Code</u> <u>Name</u></p> <p>BD Buyer Name or Department</p> <p>CW Confirmed With</p>				
PER02	93	Name	O	AN	1/60	Used
		<p>Description: Free-form name</p>				
PER03	365	Communication Number Qualifier	X	ID	2/2	Used
		<p>Description: Code identifying the type of communication number</p> <p>CodeList Summary (Total Codes: 43, Included: 5)</p> <p><u>Code</u> <u>Name</u></p> <p>EM Electronic Mail</p> <p>FX Facsimile</p> <p>TE Telephone</p> <p>TS Text Message Address</p> <p>Description: <i>A communication protocol allowing for instant communication between parties using a text messaging service, such as Short Message Service (SMS)</i></p> <p>UR Uniform Resource Locator (URL)</p>				
PER04	364	Communication Number	X	AN	1/256	Used
		<p>Description: Complete communications number including country or area code when applicable</p>				
PER05	365	Communication Number Qualifier	X	ID	2/2	Used
		<p>Description: Code identifying the type of communication number</p> <p>CodeList Summary (Total Codes: 43, Included: 5)</p> <p><u>Code</u> <u>Name</u></p> <p>EM Electronic Mail</p> <p>FX Facsimile</p> <p>TE Telephone</p>				

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	Communication Number	X	AN	1/256	Used
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Description: Complete communications number including country or area code when applicable

PER07	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)

PER08	364	Communication Number	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: 2

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	Sales Requirement Code	O	ID	1/2	Used

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

CodeList Summary (Total Codes: 57, Included: 1)

Code Name

C Consignment

User Note 1:

This consigned product identified in the PO1 detail of this transaction set has been used and may be invoiced.

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

CodeList Summary (Total Codes: 324, Included: 2)

Code Name

CE Charge

User Note 1:

HC Implementation Note: An invoice to be generated for used consignment product.

RX Replace

User Note 1:

HC Implementation Note: Invoice for used consignment product and replenish

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 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>
ITD01	336	Terms Type Code	O	ID	2/2	Used

Description: Code identifying type of payment terms

CodeList 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	Terms Basis Date Code	O	ID	1/2	Used
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Description: Code identifying the beginning of the terms period

CodeList Summary (Total Codes: 17, Included: 7)

Code Name

- 1 Ship Date
- 2 Delivery Date
- 3 Invoice Date
- 4 Specified Date
- 7 Effective Date

User Note 1:

The date is specified in the DTM segment in the header area using code 007 in DTM01.

- 8 Invoice Transmission Date
- 15 Receipt of Goods

ITD03	338	Terms Discount Percent	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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		before the Terms Discount Due Date User Note 1: <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	Terms Discount Days Due Description: Number of days in the terms discount period by which payment is due if terms discount is earned User Note 1: <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	Terms Net Days Description: Number of days until total invoice amount is due (discount not applicable) User Note 1: <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	Terms Discount Amount Description: Total amount of terms discount	O	N2	1/10	Used
ITD12	352	Description Description: 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	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: 5)

Code Name

002 Delivery Requested
007 Effective

User Note 1:

For terms

009 Process

User Note 1:

Date of this transaction.

061 Cancel if Not Delivered by
064 Do Not Deliver Before

DTM02	373	Date	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	Time	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: 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	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: 5)

Code Name

BG Buying Group
BT Bill-to-Party
BY Buying Party (Purchaser)
ST Ship To
VN Vendor

N102	93	Name	X	AN	1/60	Used
------	----	-------------	---	----	------	------

Description: Free-form name

N103	66	Identification Code Qualifier	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:

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	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: 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	Name	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: 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	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: 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	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
		User Note 1: <i>See External Code Source 22</i>				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		User Note 1: <i>See External Code Source 51</i>				
N404	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				
		User Note 1: <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
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
1420	CSH	Sales Requirements	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	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Used
PO102	380	Quantity Description: Numeric value of quantity	X	R	1/15	Must use
PO103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2	Must use

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

Code Name

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

User Note 1:

Healthcare Industry recommends identification with a GTIN (Global Trade 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

User Note 1:

Healthcare Industry recommends identification with a GTIN (Global Trade Item Number)

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

Description: Identifying number for a product or service

PO108	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:

GTIN-13

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

Code Name

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

User Note 1:

Healthcare industry recommends identification with a GTIN (Global Trade 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

User Note 1:

Healthcare industry recommends identification with a GTIN (Global Trade Item Number)

PO109	234	Product/Service ID	X	AN	1/80	Used
-------	-----	---------------------------	---	----	------	------

Description: Identifying number for a product or service

PO110	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:

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

Code Name

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

User Note 1:

Healthcare Industry recommends identification with a GTIN (Global Trade 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

User Note 1:

Healthcare Industry recommends identification with a GTIN (Global Trade Item Number)

PO111	234	Product/Service ID	X	AN	1/80	Used
-------	-----	---------------------------	---	----	------	------

Description: Identifying number for a product or service

PO112	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:

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

Code Name

*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

User Note 1:

Healthcare Industry recommends identification with a GTIN (Global Trade 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

User Note 1:

Healthcare Industry recommends identification with a GTIN (Global Trade Item Number)

PO113	234	Product/Service ID	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

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
<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (Total Codes: 1813, Included: 3)</p> <p>Code Name</p> <p>BO Bin Location Number</p> <p>DP Department Number</p> <p>LU Location Number</p>						
REF02	127	Reference Identification	X	AN	1/80	Used
<p>Description: 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.

CSH Sales Requirements

Pos: 1420	Max: >1
Detail - Optional	
Loop: PO1	Elements: 1

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	Sales Requirement Code	O	ID	1/2	Used

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

CodeList Summary (Total Codes: 57, Included: 57)

Code Name

- B Back Order Only If New Item
- C Consignment
- D Bid Guarantee
- E Equal Product Allowed
- F Factory Ship
- K Small Purchase Set Aside for Small Businesses
Description: *A procurement action that has been reserved for (set aside for) businesses classified as "small business"*
- N No Back Order
- O Back Order If Items Are Out of Stock or Not Yet Published
- P Large Purchase, Set-Aside for Small Business
- Q Small, Disadvantaged Business Set-Aside
- R Combined Small, Disadvantaged Business and Labor Surplus Area Set-Aside
- S Partial Labor Surplus Area Set Aside
- T Small Business with Small, Disadvantaged Business Consideration Set-Aside
- W Warehouse Ship
- Y Back Order if Out of Stock
- Z Mutually Defined
- 8A Section (8a) Set-Aside
Description: *A procurement reserved for disadvantaged business firms the provisions of Section 8(a) of the Small Business Act (15 U.S.C. 637 (a))*
- AA Add Quantity to Make Minimum Weight Requirement
- AB Notify Prior to Shipment if Quantity Specified is not Available
- AI Set-aside for American Indian-owned Business
- AS Restricted to Approved Sources
- BC Restricted to Historically Black College or University or Minority Institution
- BK Ship Partial - Balance Back Order
- EI Restricted to Educational Institutions
- FT Ship Full Truck Only
- GS Guaranteed Sale
- HZ Historically Underutilized Business (HUB) Zone
- IP Restricted to Industrial Preparedness Program Participants
- IS Substitute Item Allowed

Code	Name
LS	Labor Surplus Area Set-Aside
MY	Multi-year Award
NS	No Substitutes
P2	Ship As Soon As Possible
P3	May Preship
P4	Do Not Preship
QB	On Qualified Bidders List
QE	Exclude Import Quota in First Cost
QI	Include Import Quota in First Cost
QM	On Qualified Manufacturers List
QP	Restricted to Qualified Products List (QPL) Products
SC	Ship Complete
SE	Small Remaining Balance Cancellation Allowed
SF	Ship Partial, Carload Lots Only
SG	Small Remaining Balance Cancellation Not Allowed
SI	Ship In-Place
SP	Ship Partial, Balance Cancel
SQ	Ship Partial, Item Qty Proportional To Total Order
SS	Ship Per Schedule
ST	Ship Partial, Truckload Lots Only
SU	Ship Partial, Balance Substitute
SV	Ship Per Release
SW	Ship Per Release or Buyer Authorization
UC	Restricted to U.S. and Canadian Sources
UL	Other Unlisted Sales Condition
UP	Unrestricted Procurement
WY	Warranty
YI	Restricted to Young Investigator Program

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.

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: 7

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	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				
SCH02	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use

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

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: 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)

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												
<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (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>BG</td> <td>Beginning Serial Number</td> </tr> <tr> <td>LT</td> <td>Lot Number</td> </tr> <tr> <td>MJ</td> <td>Model Number</td> </tr> <tr> <td>SE</td> <td>Serial Number</td> </tr> <tr> <td>DIN</td> <td>Drug Identification Number</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	BG	Beginning Serial Number	LT	Lot Number	MJ	Model Number	SE	Serial Number	DIN	Drug Identification Number
<u>Code</u>	<u>Name</u>																	
BG	Beginning Serial Number																	
LT	Lot Number																	
MJ	Model Number																	
SE	Serial Number																	
DIN	Drug Identification Number																	
N902	127	Reference Identification	X	AN	1/80	Used												
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>																		
N903	369	Free-form Description	X	AN	1/45	Used												
<p>Description: Free-form descriptive text</p>																		
N907	C040	Reference Identifier	O	Comp		Used												
<p>Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</p>																		
N907-01	128	Reference Identification Qualifier	M	ID	2/3	Must use												
<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (Total Codes: 1813, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>EG</td> <td>Ending Serial Number</td> </tr> </tbody> </table> <p>User Note 1: <i>Only used with a Beginning Serial Number range value in N901.</i></p>							<u>Code</u>	<u>Name</u>	EG	Ending Serial Number								
<u>Code</u>	<u>Name</u>																	
EG	Ending Serial Number																	
N907-02	127	Reference Identification	M	AN	1/80	Must use												
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>																		

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
------------	-----------	---------------------	------------	-------------	----------------	--------------

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	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: 1)

Code Name

ST Ship To

N102	93	Name	X	AN	1/60	Used
------	----	-------------	---	----	------	------

Description: Free-form name

N103	66	Identification Code Qualifier	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:

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*

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: 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	Name	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: 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	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: 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	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
		User Note 1: <i>See External Code Source 22</i>				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		User Note 1: <i>See External Code Source 51</i>				
N404	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				
		User Note 1: <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 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	Number of Included Segments	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		User Note 1: <i>This must be the same number as is in the ST02</i>				

Comments:

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