



867 HC Product Transfer and Resale Report - Canada

Healthcare EDI

Version: 006020HC 2012

Author:	GS1 Canada Healthcare Technical Standards Work Group
Publication:	3/1/2012
Notes:	July, 2012 Implementation

Table of Contents

867 HC Product Transfer and Resale Report - Canada	1
ST Transaction Set Header	3
BPT Beginning Segment for Product Transfer and Resale	4
CUR Currency	5
DTM Date/Time Reference	6
N1 Loop Party Identification	7
N1 Party Identification	8
PTD Loop Product Transfer and Resale Detail	10
PTD Product Transfer and Resale Detail	11
DTM Date/Time Reference	12
REF Reference Information	13
N1 Loop Party Identification	14
N1 Party Identification	15
N2 Additional Name Information	17
N3 Party Location	18
N4 Geographic Location	19
REF Reference Information	20
QTY Loop Quantity Information	21
QTY Quantity Information	22
LIN Item Identification	24
UIT Unit Detail	26
AMT Monetary Amount Information	28
PID Product/Item Description	29
CTT Loop Transaction Totals	30
CTT Transaction Totals	31
SE Transaction Set Trailer	32

867 HC Product Transfer and Resale Report - Canada

Functional Group=PT

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer, and demand beyond actual sales (lost orders). Report may be issued by either buyer or seller.

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	BPT	Beginning Segment for Product Transfer and Resale	M	1			Must use
0400	CUR	Currency	O	1			Used
0500	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					>1		
0800	N1	Party Identification	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 - PTD					>1		
0100	PTD	Product Transfer and Resale Detail	M	1			Must use
0200	DTM	Date/Time Reference	O	10			Used
0300	REF	Reference Information	O	20			Used
LOOP ID - N1					5		
0500	N1	Party Identification	O	1			Used
0600	N2	Additional Name Information	O	2			Used
0700	N3	Party Location	O	2			Used
0800	N4	Geographic Location	O	1			Used
0900	REF	Reference Information	O	20			Used
LOOP ID - QTY					>1		
1100	QTY	Quantity Information	O	1			Used
1200	LIN	Item Identification	O	1			Used
1300	UIT	Unit Detail	O	12			Used
1400	AMT	Monetary Amount Information	O	12			Used
1500	PID	Product/Item Description	O	200			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	

<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	CTT	Transaction Totals	O	1		N3/0100	Used
0300	SE	Transaction Set Trailer	M	1			Must use

Notes:

- 3/0100L The number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY segment.
- 3/0100 The number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY 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>867</td> <td>Product Transfer and Resale Report</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	867	Product Transfer and Resale Report
<u>Code</u>	<u>Name</u>									
867	Product Transfer and Resale Report									
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.

BPT Beginning Segment for Product Transfer and Resale

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying 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>
BPT01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
Description: Code identifying purpose of transaction set						
CodeList Summary (Total Codes: 67, Included: 1)						
<u>Code</u> <u>Name</u>						
00 Original						
BPT02	127	Reference Identification	O	AN	1/80	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
BPT03	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
BPT04	755	Report Type Code	O	ID	2/2	Used
Description: Code indicating the title or contents of a document, report or supporting item						
CodeList Summary (Total Codes: 553, Included: 1)						
<u>Code</u> <u>Name</u>						
SS Seller Sales Report						

Syntax Rules:

1. P0506 - If either BPT05 or BPT06 is present, then the other is required.

Semantics:

1. BPT02 identifies the transfer/resale number.
2. BPT03 identifies the transfer/resale date.
3. BPT08 identifies the transfer/resale time.
4. BPT09 is used when it is necessary to reference a Previous Report Number.

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: 1)

Code Name

SE Selling Party

CUR02	100	Currency Code	M	ID	3/3	Must use
-------	-----	----------------------	---	----	-----	----------

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.

DTM Date/Time Reference

Pos: 0500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

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

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

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

Code Name

090 Report Start

091 Report End

DTM02	373	Date	X	DT	8/8	Used
-------	-----	------	---	----	-----	------

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

Syntax Rules:

1. 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: 0800	Repeat: >1
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>
0800	N1	Party Identification	O	1		Used

N1 Party Identification

Pos: 0800	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: 4)

Code Name

DB	Distributor Branch
DS	Distributor
MF	Manufacturer of Goods
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: 1)

Code Name

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
------	----	----------------------------	---	----	------	------

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.

Loop Product Transfer and Resale Detail

Pos: 0100 Repeat: >1
Mandatory
Loop: PTD Elements: N/A

User Option (Usage): Must use

Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying 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	PTD	Product Transfer and Resale Detail	M	1		Must use
0200	DTM	Date/Time Reference	O	10		Used
0300	REF	Reference Information	O	20		Used
0500		Loop N1	O		5	Used
1100		Loop QTY	O		>1	Used

PTD Product Transfer and Resale Detail

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: PTD	Elements: 3

User Option (Usage): Must use

Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying 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>
PTD01	521	Product Transfer Type Code	M	ID	2/2	Must use
Description: Code identifying the type of product transfer						
CodeList Summary (Total Codes: 57, Included: 1)						
Code Name						
SS Stock Sale						
PTD04	128	Reference Identification Qualifier	X	ID	2/3	Used
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1813, Included: 3)						
Code Name						
CT Contract Number						
Q1 Quote Number						
VC Vendor Contract Number						
PTD05	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						

Syntax Rules:

1. P0203 - If either PTD02 or PTD03 is present, then the other is required.
2. P0405 - If either PTD04 or PTD05 is present, then the other is required.

DTM Date/Time Reference

Pos: 0200	Max: 10
Detail - Optional	
Loop: PTD	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

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

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

CodeList Summary (Total Codes: 1307, Included: 3)

Code Name

003 Invoice
004 Purchase Order
011 Shipped

DTM02	373	Date	X	DT	8/8	Must use
-------	-----	------	---	----	-----	----------

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

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.

REF Reference Information

Pos: 0300	Max: 20
Detail - Optional	
Loop: PTD	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

IV Seller's Invoice Number

OQ Order Number

Description: *Qualifies a code that identifies the authorizing documentation for a household goods*

REF02	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

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 Party Identification

Pos: 0500	Repeat: 5
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>
0500	N1	Party Identification	O	1		Used
0600	N2	Additional Name Information	O	2		Used
0700	N3	Party Location	O	2		Used
0800	N4	Geographic Location	O	1		Used
0900	REF	Reference Information	O	20		Used

N1 Party Identification

Pos: 0500	Max: 1
Detail - 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: 3)

Code Name

BS Bill and Ship To
BT Bill-to-Party
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

N104	67	Identification Code	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: 0600	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: 0700	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: 0800	Max: 1
Detail - Optional	
Loop: N1	Elements: 5

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>				
N405	309	Location Qualifier	X	ID	1/2	Used
		Description: Code identifying type of location				
		CodeList Summary (Total Codes: 184, Included: 4)				
		<u>Code</u> <u>Name</u>				
		93 Sender's Location Code				
		94 Receiver's Location Code				
		DE Destination (Shipping)				
		DL Delivery Location				
N406	310	Location Identifier	O	AN	1/30	Used
		Description: Code which identifies a specific location				

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.

REF Reference Information

Pos: 0900	Max: 20
Detail - Optional	
Loop: N1	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

IV Seller's Invoice Number
OR Order/Paragraph Number

User Note 1:

Only order number is used

REF02	127	Reference Identification	X	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 REF02 or REF03 is required.

Semantics:

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

Loop Quantity Information

Pos: 1100 Repeat: >1
Optional
Loop: QTY Elements: N/A

User Option (Usage): Used

Purpose: To specify quantity information

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>
1100	QTY	Quantity Information	O	1		Used
1200	LIN	Item Identification	O	1		Used
1300	UIT	Unit Detail	O	12		Used
1400	AMT	Monetary Amount Information	O	12		Used
1500	PID	Product/Item Description	O	200		Used

QTY Quantity Information

Pos: 1100	Max: 1
Detail - Optional	
Loop: QTY	Elements: 3

User Option (Usage): Used

Purpose: To specify quantity 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>
QTY01	673	Quantity Qualifier	M	ID	2/2	Must use

Description: Code specifying the type of quantity

CodeList Summary (Total Codes: 1136, Included: 4)

Code Name

- 32 Quantity Sold
- 39 Shipped Quantity
- 74 Damaged Goods
- 76 Returns

QTY02	380	Quantity	X	R	1/15	Must use
-------	-----	----------	---	---	------	----------

Description: Numeric value of quantity

QTY03	C001	Composite Unit of Measure	O	Comp		Used
-------	------	---------------------------	---	------	--	------

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

QTY03-01	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: 51)

Code Name

- BD Bundle
- BG Bag
- BO Bottle
- BX Box
- CA Case
- CI Cubic Inches
- CN Can
- CT Carton
- DI Dispenser
- DR Drum
- DZ Dozen
- EA Each
- EV Envelope
- FT Foot

Code Name

User Note 1:

Feet

GA	Gallon
GR	Gram
GS	Gross
HU	Hundred
IN	Inch
KG	Kilogram
KT	Kit
LB	Pound
LR	Layer(s)
LT	Liter
MC	Microgram
ME	Milligram
ML	Milliliter
MM	Millimeter
MR	Meter
OZ	Ounce - Av
PA	Pail
PC	Piece
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QT	Quart
RL	Roll
RM	Ream
SF	Square Foot
SH	Sheet
SL	Sleeve
SM	Square Meter
SP	Shelf Package
ST	Set
SV	Skid
TB	Tube
TH	Thousand
TY	Tray
VI	Vial
YD	Yard

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

LIN Item Identification

Pos: 1200	Max: 1
Detail - Optional	
Loop: QTY	Elements: 5

User Option (Usage): Used

Purpose: To specify basic item identification 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>
LIN01	350	Assigned Identification	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 537, Included: 4)				
		Code		Name		
		EN		GTIN EAN/UCC - 13 Digit Data Structure		
				Description:		
				<i>GTIN-13</i>		
				<i>A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items</i>		
				<i>SEE CODE SOURCE 41</i>		
		EO		GTIN EAN/UCC - 8 Digit Data Structure		
				Description:		
				<i>GTIN-8</i>		
				<i>An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items</i>		
				<i>SEE CODE SOURCE 41</i>		
		UK		GTIN 14-digit Data Structure		
				Description:		
				<i>GTIN-14</i>		
				<i>A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items</i>		
				<i>SEE CODE SOURCE 41</i>		
		UP		GTIN UCC - 12 Digit Data Structure		
				Description: <i>GTIN-12</i>		
				<i>A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items</i>		
				<i>SEE CODE SOURCE 41</i>		
LIN03	234	Product/Service ID	M	AN	1/80	Must use
		Description: Identifying number for a product or service				
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>CodeList Summary (Total Codes: 537, Included: 2)</p> <p>Code Name</p> <p>IN Buyer's Item Number</p> <p>VC Vendor's (Seller's) Catalog Number</p>				
LIN05	234	Product/Service ID	X	AN	1/80	Used
		<p>Description: Identifying number for a product or service</p>				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

UIT Unit Detail

Pos: 1300	Max: 12
Detail - Optional	
Loop: QTY	Elements: 3

User Option (Usage): Used

Purpose: To specify item unit 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>
UIT01	C001	Composite Unit of Measure	M	Comp		Must use

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

UIT01-01	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: 51)

Code Name

BD Bundle
 BG Bag
 BO Bottle
 BX Box
 CA Case
 CI Cubic Inches
 CN Can
 CT Carton
 DI Dispenser
 DR Drum
 DZ Dozen
 EA Each
 EV Envelope
 FT Foot

User Note 1:

Feet

GA Gallon
 GR Gram
 GS Gross
 HU Hundred
 IN Inch
 KG Kilogram
 KT Kit
 LB Pound
 LR Layer(s)
 LT Liter
 MC Microgram

<u>Code</u>	<u>Name</u>
ME	Milligram
ML	Milliliter
MM	Millimeter
MR	Meter
OZ	Ounce - Av
PA	Pail
PC	Piece
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QT	Quart
RL	Roll
RM	Ream
SF	Square Foot
SH	Sheet
SL	Sleeve
SM	Square Meter
SP	Shelf Package
ST	Set
SV	Skid
TB	Tube
TH	Thousand
TY	Tray
VI	Vial
YD	Yard

UIT02	212	Unit Price	X	R	1/17	Used
-------	-----	-------------------	---	---	------	------

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

UIT03	639	Basis of Unit Price Code	O	ID	2/2	Used
-------	-----	---------------------------------	---	----	-----	------

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

CodeList Summary (Total Codes: 101, Included: 3)

<u>Code</u>	<u>Name</u>
CA	Catalog
CT	Contract
RS	Resale Price

Syntax Rules:

1. C0302 - If UIT03 is present, then UIT02 is required.

AMT Monetary Amount Information

Pos: 1400	Max: 12
Detail - Optional	
Loop: QTY	Elements: 2

User Option (Usage): Used

Purpose: To indicate the total monetary amount

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>
AMT01	522	Amount Qualifier Code	M	ID	1/3	Must use
Description: Code to qualify amount						
CodeList Summary (Total Codes: 1771, Included: 4)						
Code Name						
1 Line Item Total						
CC Chargeback Claim Amount						
CM Claimant Requested Total						
Description: <i>The total monies requested for a claim</i>						
Z3 Unit Cost of Discrepant Material						
AMT02	782	Monetary Amount	M	R	1/18	Must use
Description: Monetary amount						

PID Product/Item Description

Pos: 1500	Max: 200
Detail - Optional	
Loop: QTY	Elements: 2

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				
<p>Description: Code indicating the format of a description</p> <p>CodeList Summary (Total Codes: 3, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>F</td> <td>Free-form</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	F	Free-form
<u>Code</u>	<u>Name</u>									
F	Free-form									
PID05	352	Description	X	AN	1/80	Used				
<p>Description: A free-form description to clarify the related data elements and their content</p>										

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.

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 ST segment (ST02) for the transaction set.</i>				

Comments:

- SE is the last segment of each transaction set.