



# **867 Product Transfer and Resale Report - Canada**

VICS EDI

**Version: 006010VICS**

<b>Author:</b>	<b>GS1 US and GS1 Canada</b>
<b>Publication:</b>	<b>12/31/2009</b>
<b>Notes:</b>	<b>For implementation July, 2010.</b>

# Table of Contents

<b>867</b>	<b>Product Transfer and Resale Report - Canada</b> .....	<b>1</b>
ST	Transaction Set Header.....	4
BPT	Beginning Segment for Product Transfer and Resale.....	5
N1	Loop Party Identification.....	6
N1	Party Identification.....	7
PTD	Loop Product Transfer and Resale Detail.....	9
PTD	Product Transfer and Resale Detail.....	10
DTM	Date/Time Reference.....	11
N1	Loop Party Identification.....	12
N1	Party Identification.....	13
N4	Geographic Location.....	15
REF	Reference Information.....	16
QTY	Loop Quantity Information.....	17
QTY	Quantity Information.....	18
LIN	Item Identification.....	20
UIT	Unit Detail.....	22
AMT	Monetary Amount Information.....	23
CTT	Loop Transaction Totals.....	24
CTT	Transaction Totals.....	25
SE	Transaction Set Trailer.....	26

# 867 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.

### Note 1:

*This document is a Functional Profile for the use of this transaction set in Canada.*

### Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
0100	ST	Transaction Set Header	M	1			Must use	4
0200	BPT	Beginning Segment for Product Transfer and Resale	M	1			Must use	5
* 0400	CUR	Currency	O	1				N/A
* 0500	DTM	Date/Time Reference	O	10				N/A
* 0600	REF	Reference Information	O	12				N/A
* 0700	PER	Administrative Communications Contact	O	3				N/A
* 0750	MEA	Measurements	O	20				N/A
* 0780	PSA	Partner Share Accounting	O	10				N/A
<b>LOOP ID - N1</b>					<b>≥1</b>			6
0800	N1	Party Identification	O	1			Used	7
* 0900	N2	Additional Name Information	O	2				N/A
* 1000	N3	Party Location	O	2				N/A
* 1100	N4	Geographic Location	O	1				N/A
* 1200	REF	Reference Information	O	12				N/A
<b>* LOOP ID - PER</b>					<b>≥1</b>			N/A
1300	PER	Administrative Communications Contact	O	1				N/A
1350	REF	Reference Information	O	>1				N/A
<b>* LOOP ID - LM</b>					<b>≥1</b>			N/A
* 1400	LM	Code Source Information	O	1				N/A
* 1500	LQ	Industry Code Identification	M	100				N/A
* 1600	LCD	Place/Location Description	O	2				N/A

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
<b>LOOP ID - PTD</b>						<b>≥1</b>		9
0100	PTD	Product Transfer and Resale Detail	M	1			Must use	10
0200	DTM	Date/Time Reference	O	10			Used	11
* 0300	REF	Reference Information	O	20				N/A
* 0350	PRF	Purchase Order Reference	O	1				N/A
* 0400	PER	Administrative Communications Contact	O	3				N/A
* 0450	MAN	Marks and Numbers Information	O	1				N/A
* 0475	LCD	Place/Location Description	O	2				N/A
* 0490	LQ	Industry Code Identification	O	>1				N/A
* 0495	MEA	Measurements	O	>1				N/A
<b>LOOP ID - N1</b>						<b>5</b>		12
0500	N1	Party Identification	O	1			Used	13
* 0600	N2	Additional Name Information	O	2				N/A
* 0700	N3	Party Location	O	2				N/A
0800	N4	Geographic Location	O	1			Used	15
0900	REF	Reference Information	O	20			Used	16
* 1000	PER	Administrative Communications Contact	O	3				N/A
<b>* LOOP ID - SII</b>						<b>≥1</b>		N/A
1050	SII	Sales Item Information	O	1				N/A
1070	N9	Extended Reference Information	O	1				N/A
<b>LOOP ID - QTY</b>						<b>≥1</b>		17
1100	QTY	Quantity Information	O	1			Used	18
1200	LIN	Item Identification	O	1			Used	20
* 1220	PO3	Additional Item Detail	O	25				N/A
* 1250	PO4	Item Physical Details	O	1				N/A
1300	UIT	Unit Detail	O	12			Used	22
1400	AMT	Monetary Amount Information	O	12			Used	23
* 1410	ITA	Allowance, Charge or Service	O	10				N/A
* 1500	PID	Product/Item Description	O	200				N/A
* 1600	MEA	Measurements	O	40				N/A
* 1700	PWK	Paperwork	O	25				N/A
* 1800	PKG	Marking, Packaging, Loading	O	25				N/A
* 1900	REF	Reference Information	O	>1				N/A
* 2000	PER	Administrative Communications Contact	O	3				N/A

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
* 2100	DTM	Date/Time Reference	O	10				N/A
* 2200	CUR	Currency	O	1				N/A
* 2400	DD	Demand Detail	O	>1				N/A
* 2500	LDT	Lead Time	O	1				N/A
<b>* LOOP ID - LM</b>					<b>≥1</b>			N/A
2600	LM	Code Source Information	O	1				N/A
2700	LQ	Industry Code Identification	O	100				N/A
<b>* LOOP ID - LX</b>					<b>≥1</b>	<b>N2/2800L</b>		N/A
2800	LX	Transaction Set Line Number	O	1		N2/2800		N/A
2900	REF	Reference Information	O	>1				N/A
3000	DTM	Date/Time Reference	O	1				N/A
3100	N1	Party Identification	O	1				N/A
<b>LOOP ID - LM</b>					<b>≥1</b>			N/A
3200	LM	Code Source Information	O	1				N/A
3300	LQ	Industry Code Identification	M	100				N/A
<b>* LOOP ID - FA1</b>					<b>≥1</b>			N/A
3400	FA1	Type of Financial Accounting Data	O	1				N/A
3500	FA2	Accounting Data	M	>1				N/A

**Summary:**

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
<b>LOOP ID - CTT</b>					<b>1</b>	<b>N3/0100L</b>		24
0100	CTT	Transaction Totals	O	1		N3/0100	Used	25
* 0200	AMT	Monetary Amount Information	O	12				N/A
* 0210	ITA	Allowance, Charge or Service	O	10				N/A
0300	SE	Transaction Set Trailer	M	1			Must use	26

**Notes:**

- 2/2800L The LX loop conveys serial number, lot number, and inventory data.
- 2/2800 The LX loop conveys serial number, lot number, and inventory data.
- 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

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

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

**Code Name**

867 Product Transfer and Resale Report

ST02	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

**Note 1:** *The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.*

## Semantics:

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

# 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: 2)

**Code Name**

00	Original
22	Information Copy

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)

**Code Name**

IV	Invoice
----	---------

## 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.

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

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

**CodeList Summary** (Total Codes: 1521, Included: 2)

**Code Name**

DS Distributor  
VN Vendor

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)

**CodeList Summary** (Total Codes: 251, Included: 3)

**Code Name**

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

*See External Code Source 16 in Section III for reference document.*

21 Health Industry Number (HIN)

*See External Code Source 121 in Section III for reference document.*

UL Global Location Number (GLN)

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

*A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system. See External Code Source 583 in Section III for reference document.*

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.

# 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
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: 1

**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: 2)

**Code Name**

SS	Stock Sale
SU	Summary

## 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: 1304, Included: 1)

**Code Name**

003 Invoice

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.

# 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
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:

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

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

**CodeList Summary** (Total Codes: 1521, Included: 3)

**Code Name**

1C Group Purchasing Organization (GPO)

*Used when identifying a group of stores under one banner (name).*

SF Ship From

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: 251, Included: 5)

**Code Name**

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

*See External Code Source 16 in Section III for reference document.*

21 Health Industry Number (HIN)

*See External Code Source 121 in Section III for reference document.*

91 Assigned by Seller or Seller's Agent

92 Assigned by Buyer or Buyer's Agent

UL Global Location Number (GLN)

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

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

*See External Code Source 583 in Section III for reference document.*

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.



# N4 Geographic Location

Pos: 0800	Max: 1
Detail - Optional	
Loop: N1	Elements: 3

**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>Note 1:</b> See External Code Source 22 in Section III for reference document.				
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>Note 1:</b> See External Code Source 51 in Section III for reference document.				

## 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: 1795, Included: 1)

**Code Name**

IV Seller's Invoice Number

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

# 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: 1135, Included: 5)

**Code Name**

- 31 Additional Demand Quantity
- 39 Shipped Quantity
- 74 Damaged Goods
- 76 Returns
- BQ Backorder Quantity

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)

**Comments:**

1. If C001-02 is not used, its value is to be interpreted as 1.
2. If C001-03 is not used, its value is to be interpreted as 1.
3. If C001-05 is not used, its value is to be interpreted as 1.
4. If C001-06 is not used, its value is to be interpreted as 1.
5. If C001-08 is not used, its value is to be interpreted as 1.
6. If C001-09 is not used, its value is to be interpreted as 1.
7. If C001-11 is not used, its value is to be interpreted as 1.
8. If C001-12 is not used, its value is to be interpreted as 1.
9. If C001-14 is not used, its value is to be interpreted as 1.
10. If C001-15 is not used, its value is to be interpreted as 1.

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: 895, Included: 1)

**Code Name**

- EA Each

## 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: 6

**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>
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: 5)

**Code Name**

CA Case

EN GTIN EAN/UCC - 13 Digit Data Structure

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

EO GTIN EAN/UCC - 8 Digit Data Structure

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

UK GTIN 14-digit Data Structure

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

UP GTIN UCC - 12 Digit Data Structure

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

See External Code Source 41 in Section III for reference document.

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

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

**CodeList Summary** (Total Codes: 537, Included: 1)

**Code Name**

VN Vendor's (Seller's) Item Number

LIN05	234	Product/Service ID	X	AN	1/80	Used
-------	-----	--------------------	---	----	------	------

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

LIN06	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: 1)

		<u>Code</u>	<u>Name</u>			
		LT	Lot Number			
LIN07	234	<b>Product/Service ID</b>		X	AN	1/80

Used

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

### 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: 2

**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	<b>Composite Unit of Measure</b>	M	Comp		Must use

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

**Comments:**

1. If C001-02 is not used, its value is to be interpreted as 1.
2. If C001-03 is not used, its value is to be interpreted as 1.
3. If C001-05 is not used, its value is to be interpreted as 1.
4. If C001-06 is not used, its value is to be interpreted as 1.
5. If C001-08 is not used, its value is to be interpreted as 1.
6. If C001-09 is not used, its value is to be interpreted as 1.
7. If C001-11 is not used, its value is to be interpreted as 1.
8. If C001-12 is not used, its value is to be interpreted as 1.
9. If C001-14 is not used, its value is to be interpreted as 1.
10. If C001-15 is not used, its value is to be interpreted as 1.

UIT01-01	355	<b>Unit or Basis for Measurement Code</b>	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: 895, Included: 1)

**Code Name**

EA    Each

UIT02	212	<b>Unit Price</b>	X	R	1/17	Used
-------	-----	-------------------	---	---	------	------

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

## 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	<b>Amount Qualifier Code</b>	M	ID	1/3	Must use
		<b>Description:</b> Code to qualify amount				
		<b>CodeList Summary</b> (Total Codes: 1771, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		1		Line Item Total		
AMT02	782	<b>Monetary Amount</b>	M	R	1/18	Must use
		<b>Description:</b> Monetary amount				

---

# 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

**Note 1:** *The number of LIN segments present in the transaction set*

## Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

## Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

# SE Transaction Set Trailer

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

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

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Must use

**Description:** 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
------	-----	---------------------------------------	---	----	-----	----------

**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

**Note 1:** *This must be the same number as is in the ST segment (ST02) for the transaction set.*

## Comments:

- SE is the last segment of each transaction set.