



867 Product Transfer and Resale Report - Canada

VICS EDI

Version: 007060VICS

| | |
|---------------------|-------------------------------------|
| Author: | GS1 Canada |
| Publication: | 2019-12-31 |
| Notes: | For implementation July 2020 |

Table of Contents

| | | |
|------------|--|----------|
| 867 | Product Transfer and Resale Report - Canada | 1 |
| 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:

| <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> |
|------------------------|-----------|---|------------|----------------|---------------|--------------|--------------|-------------|
| 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 |
| LOOP ID - N1 | | | | | ≥1 | | | 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 |
| * LOOP ID - PER | | | | | ≥1 | | | N/A |
| 1300 | PER | Administrative Communications Contact | O | 1 | | | | N/A |
| 1350 | REF | Reference Information | O | >1 | | | | N/A |
| * LOOP ID - LM | | | | | ≥1 | | | 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> |
|------------|-----------|---------------------|------------|----------------|---------------|--------------|--------------|-------------|
| | | | | | | | | |

| <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> |
|-------------------------------|-----------|---------------------------------------|------------|----------------|---------------|------------------|--------------|-------------|
| <u>LOOP ID - PTD</u> | | | | | | <u>≥1</u> | | 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 |
| <u>LOOP ID - N1</u> | | | | | | <u>5</u> | | 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 |
| <u>* LOOP ID - SII</u> | | | | | | <u>≥1</u> | | N/A |
| 1050 | SII | Sales Item Information | O | 1 | | | | N/A |
| 1070 | N9 | Extended Reference Information | O | 1 | | | | N/A |
| <u>LOOP ID - QTY</u> | | | | | | <u>≥1</u> | | 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 |
| * 2100 | DTM | Date/Time Reference | O | 10 | | | | N/A |
| * 2200 | CUR | Currency | O | 1 | | | | N/A |

| <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> |
|------------------------|-----------|-----------------------------------|------------|----------------|---------------|-----------------|--------------|-------------|
| * 2400 | DD | Demand Detail | O | >1 | | | | N/A |
| * 2500 | LDT | Lead Time | O | 1 | | | | N/A |
| * LOOP ID - LM | | | | | ≥1 | | | N/A |
| 2600 | LM | Code Source Information | O | 1 | | | | N/A |
| 2700 | LQ | Industry Code Identification | O | 100 | | | | N/A |
| * LOOP ID - LX | | | | | ≥1 | N2/2800L | | 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 |
| LOOP ID - LM | | | | | ≥1 | | | N/A |
| 3200 | LM | Code Source Information | O | 1 | | | | N/A |
| 3300 | LQ | Industry Code Identification | M | 100 | | | | N/A |
| * LOOP ID - FA1 | | | | | ≥1 | | | N/A |
| 3400 | FA1 | Type of Financial Accounting Data | O | 1 | | | | N/A |
| 3500 | FA2 | Accounting Data | M | >1 | | | | N/A |

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> | <u>Page</u> |
|----------------------|-----------|------------------------------|------------|----------------|---------------|-----------------|--------------|-------------|
| LOOP ID - CTT | | | | | 1 | N3/0100L | | 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 identifying a Transaction Set

Note 1: 867 Product Transfer and Resale Report - Canada

Code List Summary (Total Codes: 322, 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 | | | | | | |
| Code List Summary (Total Codes: 76, Included: 2) | | | | | | |
| <u>Code</u> <u>Name</u> | | | | | | |
| 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 | | | | | | |
| Code List Summary (Total Codes: 570, Included: 1) | | | | | | |
| <u>Code</u> <u>Name</u> | | | | | | |
| 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 | Entity Identifier Code | M | ID | 2/3 | Must use |

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

Code List Summary (Total Codes: 1538, Included: 2)

Code Name

DS Distributor
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 specifying the system/method of code structure used for Identification Code (67)

Code List Summary (Total Codes: 258, Included: 4)

Code Name

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

Note 1:

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

21 Health Industry Number (HIN)

Note 1:

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

UL Global Location Number (GLN)

Description: 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

Note 1:

*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.*

UM GS1 Global Location Number with Extension Component

Description: A globally unique 13-digit code with a one to twenty character extension component used, for the identification of a legal or physical location

| | | | | | | |
|------|----|---------------------|---|----|------|------|
| 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 |
| 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

Code List Summary (Total Codes: 57, Included: 2)

| <u>Code</u> | <u>Name</u> |
|-------------|-------------|
| 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

Code List Summary (Total Codes: 1343, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|-------------|
| 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:

| <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

Code List Summary (Total Codes: 1538, Included: 3)

Code Name

1C Group Purchasing Organization (GPO)

Note 1:

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 specifying the system/method of code structure used for Identification Code (67)

Code List Summary (Total Codes: 258, Included: 6)

Code Name

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

Note 1:

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

21 Health Industry Number (HIN)

Note 1:

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 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

Note 1:

*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.*

UM GS1 Global Location Number with Extension Component

Description: A globally unique 13-digit code with a one to twenty character extension component used, for the identification of a legal or physical location

| | | | | | | |
|------|----|----------------------------|---|----|------|------|
| 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: 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 specifying the Standard State/Province as defined by appropriate government agency | | | | |
| | | Note 1: See External Code Source 22 in Section III for reference document. | | | | |
| N403 | 116 | Postal Code | X | ID | 3/15 | Used |
| | | Description: Code specifying international postal zone code excluding punctuation and blanks (zip code for United States) | | | | |
| | | Note 1: See External Code Source 51 in Section III for reference document. | | | | |
| N408 | 1702 | Postal Code-Formatted | X | AN | 3/20 | Used |
| | | Description: A postal code value including punctuation, blanks and other characters as defined by the postal authority | | | | |

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. E0308 - Only one of N403 or N408 may be present.
3. C0605 - If N406 is present, then N405 is required.
4. 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.
2. N403 contains the postal code in an unstructured format. N408 contains the postal code in a structured format. When a postal code data field is used, the parties shall agree as to which data element (N403 or N408) shall be used in the transaction set.

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 identifying the Reference Identification

Code List Summary (Total Codes: 1884, 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

Code List Summary (Total Codes: 1155, 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

Code List Summary (Total Codes: 924, 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)

Code List Summary (Total Codes: 562, Included: 5)

Code Name

CA Case

EN GTIN-13

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

EO GTIN-8

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

UK GTIN-14

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

UP GTIN-12

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

Note 1:

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)

Code List Summary (Total Codes: 562, 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)

Code List Summary (Total Codes: 562, Included: 1)

Code Name

| | | <u>Code</u> | <u>Name</u> | | | |
|---|-----|---------------------------|-------------|---|----|-----------|
| | | LT | Lot Number | | | |
| LIN07 | 234 | Product/Service ID | | 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 | Composite Unit of Measure | 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 | 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

Code List Summary (Total Codes: 924, Included: 1)

Code Name

EA Each

| | | | | | | |
|-------|-----|-------------------|---|---|------|------|
| UIT02 | 212 | Unit Price | 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 | Amount Qualifier Code | M | ID | 1/3 | Must use |
| Description: Code specifying the amount qualifier | | | | | | |
| Code List Summary (Total Codes: 1797, Included: 1) | | | | | | |
| <u>Code</u> <u>Name</u> | | | | | | |
| 1 Line Item Total | | | | | | |
| AMT02 | 782 | Monetary Amount | M | R | 1/18 | Must use |
| Description: 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 | 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

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

Comments:

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