

# 850 Purchase Order

## Introduction



The purpose of this section is to present and explain the application of the ASC X12 standards as they pertain to the retail purchase order.

Within the retail industry, two distinct methods for ordering goods have been identified. The first type, or “basic”, is the most common. Goods separately for each location, i.e., one store ordering per PO. The second type, or “spreadsheet”, is utilized to order the same item for multiple locations, i.e., a specific quantity of one item is distributed to multiple locations. The actual quantity distributed to each location need not be the same.

The spreadsheet order usually implies predistribution by the vendor. Orders are packaged for the store and either sent directly to the store or to a central location (distribution center). The basic order can be used in the pre or post distribution environment. In the post distribution environment the buying location is the distribution center. The distribution center allocates each store’s quantity.

The purchase order in its most simplistic form, assumes that the receiver has, most of the general data about the sender and their locations (stores) within their systems. This data includes bill to, ship to, mark for, terms, etc., for each sender location. For each ordering location the receiver of the order knows where to send the goods, where to send the bill, and what terms are to be applied. The sender only needs to inform the receiver of the location ordering the goods, when delivery is expected, and the detail specification for the goods (SKUs), including order quantity for each SKU.

## Canadian Guideline Legend:

- >> >> in the left-hand margin indicates that the element must be used (mandatory).  
The absence of a symbol in the left hand margin indicates that the element is optional
- X X in the left-hand margin indicates that this element is not used.
-  This symbol indicates that the element or code is only available for ECR applications or that the note is applicable to ECR.
- R<sub>x</sub> This symbol indicates that the element or code is only available for ECRx applications or that the note is applicable to ECRx.
-  This symbol indicates that the element or code is only available for EFR applications or that the note is applicable to EFR.
- NOT USED BY CANADIAN INDUSTRY** This element/or code is open to satisfy VICS notes and/or comments, but is not used in Canadian applications

# 850 Purchase Order

Functional Group ID=**PO**

## Introduction:

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

## Heading:

|               | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u>   | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|---------------|-----------------|----------------|---|------------------|----------------|--------------------|---------------------------|
| Must Use      | 010             | ST             | Transaction Set Header  | M                | 1              |                    |                           |
| Must Use      | 020             | BEG            | Beginning Segment for Purchase Order                                | M                | 1              |                    |                           |
|               | 040             | CUR            | Currency  | O                | 1              |                    |                           |
|               | 050             | REF            | Reference Identification  | O                | >1             |                    |                           |
|               | 060             | PER            | Administrative Communications Contact                               | O                | 3              |                    |                           |
| Not Used      | 070             | TAX            | Tax Reference   | O                | >1             |                    |                           |
|               | 080             | FOB            | F.O.B. Related Instructions   | O                | >1             |                    |                           |
| Not Used      | 090             | CTP            | Pricing Information   | O                | >1             |                    |                           |
| Not Used      | 095             | PAM            | Period Amount   | O                | 10             |                    |                           |
| Not Used      | 110             | CSH            | Sales Requirements  | O                | 5              |                    |                           |
| Not Used      | 115             | TC2            | Commodity   | O                | >1             |                    |                           |
| LOOP ID - SAC |                 |                |   |                  |                | 25                 |                           |
| Must Use      | 120             | SAC            | Service, Promotion, Allowance, or Charge Information                | O                | 1              |                    |                           |
| Not Used      | 125             | CUR            | Currency  | O                | 1              |                    |                           |
|               | 130             | ITD            | Terms of Sale/Deferred Terms of Sale                                | O                | >1             |                    |                           |
| Not Used      | 140             | DIS            | Discount Detail   | O                | 20             |                    |                           |
| Not Used      | 145             | INC            | Installment Information   | O                | 1              |                    |                           |
|               | 150             | DTM            | Date/Time Reference   | O                | 10             |                    |                           |
| Not Used      | 160             | LDT            | Lead Time   | O                | 12             |                    |                           |
| Not Used      | 180             | LIN            | Item Identification   | O                | 5              |                    | n1                        |
| Not Used      | 185             | SI             | Service Characteristic Identification                               | O                | >1             |                    |                           |
| Not Used      | 190             | PID            | Product/Item Description  | O                | 200            |                    |                           |
| Not Used      | 200             | MEA            | Measurements  | O                | 40             |                    |                           |
| Not Used      | 210             | PWK            | Paperwork   | O                | 25             |                    |                           |
| Not Used      | 220             | PKG            | Marking, Packaging, Loading   | O                | 200            |                    |                           |
| Not Used      | 230             | TD1            | Carrier Details (Quantity and Weight)                               | O                | 2              |                    |                           |
|               | 240             | TD5            | Carrier Details (Routing Sequence/Transit Time)                     | O                | 12             |                    |                           |
|               | 250             | TD3            | Carrier Details (Equipment)   | O                | 12             |                    |                           |
| Not Used      | 260             | TD4            | Carrier Details (Special Handling, or Hazardous Materials, or Both) | O                | 5              |                    |                           |
| Not Used      | 270             | MAN            | Marks and Numbers   | O                | 10             |                    |                           |
| Not Used      | 276             | PCT            | Percent Amounts   | O                | >1             |                    |                           |

|               |     |     |   |   |      |
|---------------|-----|-----|---|---|------|
| Not Used      | 280 | CTB | Restrictions/Conditions   | O | 5    |
| Not Used      | 285 | TXI | Tax Information   | O | >1   |
| LOOP ID - AMT |     |     |   |   | >1   |
| Not Used      | 287 | AMT | Monetary Amount   | O | 1    |
| Not Used      | 289 | REF | Reference Identification  | O | >1   |
| Not Used      | 290 | DTM | Date/Time Reference   | O | 1    |
| Not Used      | 292 | PCT | Percent Amounts   | O | >1   |
| LOOP ID - FA1 |     |     |   |   | >1   |
| Not Used      | 293 | FA1 | Type of Financial Accounting Data                                   | O | 1    |
| Not Used      | 294 | FA2 | Accounting Data   | M | >1   |
| LOOP ID - N9  |     |     |   |   | 1000 |
| Must Use      | 295 | N9  | Reference Identification  | O | 1    |
| Not Used      | 297 | DTM | Date/Time Reference   | O | >1   |
|               | 300 | MSG | Message Text  | O | 1000 |
| LOOP ID - N1  |     |     |   |   | 200  |
| Must Use      | 310 | N1  | Name  | O | 1    |
|               | 320 | N2  | Additional Name Information   | O | 2    |
|               | 330 | N3  | Address Information   | O | 2    |
|               | 340 | N4  | Geographic Location   | O | >1   |
| Not Used      | 345 | NX2 | Location ID Component   | O | >1   |
|               | 350 | REF | Reference Identification  | O | 12   |
| Not Used      | 360 | PER | Administrative Communications Contact                               | O | >1   |
| Not Used      | 365 | SI  | Service Characteristic Identification                               | O | >1   |
| Not Used      | 370 | FOB | F.O.B. Related Instructions   | O | 1    |
| Not Used      | 380 | TD1 | Carrier Details (Quantity and Weight)                               | O | 2    |
| Not Used      | 390 | TD5 | Carrier Details (Routing Sequence/Transit Time)                     | O | 12   |
| Not Used      | 400 | TD3 | Carrier Details (Equipment)   | O | 12   |
| Not Used      | 410 | TD4 | Carrier Details (Special Handling, or Hazardous Materials, or Both) | O | 5    |
| Not Used      | 420 | PKG | Marking, Packaging, Loading   | O | 200  |
| LOOP ID - LM  |     |     |   |   | >1   |
| Not Used      | 430 | LM  | Code Source Information   | O | 1    |
| Not Used      | 440 | LQ  | Industry Code   | M | >1   |
| LOOP ID - SPI |     |     |   |   | >1   |
| Not Used      | 450 | SPI | Specification Identifier  | O | 1    |
| Not Used      | 460 | REF | Reference Identification  | O | 5    |
| Not Used      | 470 | DTM | Date/Time Reference   | O | 5    |
| Not Used      | 480 | MSG | Message Text  | O | 50   |
| LOOP ID - N1  |     |     |   |   | 20   |
| Not Used      | 490 | N1  | Name  | O | 1    |
| Not Used      | 500 | N2  | Additional Name Information   | O | 2    |
| Not Used      | 510 | N3  | Address Information   | O | 2    |
| Not Used      | 520 | N4  | Geographic Location   | O | 1    |
| Not Used      | 530 | REF | Reference Identification  | O | 20   |
| Not Used      | 540 | G61 | Contact   | O | 1    |
| Not Used      | 550 | MSG | Message Text  | O | 50   |
| LOOP ID - CB1 |     |     |   |   | >1   |
| Not Used      | 560 | CB1 | Contract and Cost Accounting Standards Data                         | O | 1    |
| Not Used      | 570 | REF | Reference Identification  | O | 20   |

|                      |     |     |                                     |   |    |              |
|----------------------|-----|-----|-------------------------------------|---|----|--------------|
| Not Used             | 580 | DTM | Date/Time Reference                 | O | 5  |              |
| Not Used             | 590 | LDT | Lead Time                           | O | 1  |              |
| Not Used             | 600 | MSG | Message Text                        | O | 50 |              |
| <b>LOOP ID - ADV</b> |     |     |                                     |   |    | <b>&gt;1</b> |
| Not Used             | 610 | ADV | Advertising Demographic Information | O | 1  |              |
| Not Used             | 620 | DTM | Date/Time Reference                 | O | >1 |              |
| Not Used             | 630 | MTX | Text                                | O | >1 |              |

**Detail:**

|                      | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u>  | <u>Req. Des.</u> | <u>Max. Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|----------------------|-----------------|----------------|--|------------------|-----------------|--------------------|---------------------------|
| <b>LOOP ID - PO1</b> |                 |                |  |                  |                 | <b>100000</b>      |                           |
| Must Use             | 010             | PO1            | Baseline Item Data                                   | M                | 1               |                    | n2                        |
| Not Used             | 015             | LIN            | Item Identification                                  | O                | >1              |                    |                           |
| Not Used             | 018             | SI             | Service Characteristic Identification                | O                | >1              |                    |                           |
| Not Used             | 020             | CUR            | Currency   | O                | 1               |                    |                           |
| Not Used             | 025             | CN1            | Contract Information                                 | O                | 1               |                    |                           |
| Not Used             | 030             | PO3            | Additional Item Detail                               | O                | 25              |                    |                           |
| <b>LOOP ID - CTP</b> |                 |                |  |                  |                 | <b>&gt;1</b>       |                           |
| Must Use             | 040             | CTP            | Pricing Information                                  | O                | 1               |                    |                           |
| Not Used             | 043             | CUR            | Currency   | O                | 1               |                    |                           |
| Not Used             | 045             | PAM            | Period Amount  | O                | 10              |                    |                           |
| Not Used             | 049             | MEA            | Measurements   | O                | 40              |                    |                           |
| <b>LOOP ID - PID</b> |                 |                |  |                  |                 | <b>1000</b>        |                           |
| Must Use             | 050             | PID            | Product/Item Description                             | O                | 1               |                    |                           |
| Not Used             | 060             | MEA            | Measurements   | O                | 10              |                    |                           |
| Not Used             | 070             | PWK            | Paperwork  | O                | 25              |                    |                           |
|                      | 090             | PO4            | Item Physical Details                                | O                | >1              |                    |                           |
| Not Used             | 100             | REF            | Reference Identification                             | O                | >1              |                    |                           |
| Not Used             | 110             | PER            | Administrative Communications Contact                | O                | 3               |                    |                           |
| <b>LOOP ID - SAC</b> |                 |                |  |                  |                 | <b>25</b>          |                           |
| Must Use             | 130             | SAC            | Service, Promotion, Allowance, or Charge Information | O                | 1               |                    |                           |
| Not Used             | 135             | CUR            | Currency   | O                | 1               |                    |                           |
| Not Used             | 137             | CTP            | Pricing Information                                  | O                | 1               |                    |                           |
| Not Used             | 140             | IT8            | Conditions of Sale                                   | O                | 1               |                    |                           |
| Not Used             | 142             | CSH            | Sales Requirements                                   | O                | >1              |                    |                           |
| Not Used             | 150             | ITD            | Terms of Sale/Deferred Terms of Sale                 | O                | 2               |                    |                           |
| Not Used             | 160             | DIS            | Discount Detail                                      | O                | 20              |                    |                           |
| Not Used             | 165             | INC            | Installment Information                              | O                | 1               |                    |                           |
| Not Used             | 170             | TAX            | Tax Reference  | O                | >1              |                    |                           |
| Not Used             | 180             | FOB            | F.O.B. Related Instructions                          | O                | >1              |                    |                           |
|                      | 190             | SDQ            | Destination Quantity                                 | O                | 500             |                    |                           |
| Not Used             | 200             | IT3            | Additional Item Data                                 | O                | 5               |                    |                           |
| Not Used             | 210             | DTM            | Date/Time Reference                                  | O                | 10              |                    |                           |
| Not Used             | 235             | TC2            | Commodity  | O                | >1              |                    |                           |
| Not Used             | 240             | TD1            | Carrier Details (Quantity and Weight)                | O                | 1               |                    |                           |
| Not Used             | 250             | TD5            | Carrier Details (Routing Sequence/Transit Time)      | O                | 12              |                    |                           |
| Not Used             | 260             | TD3            | Carrier Details (Equipment)                          | O                | 12              |                    |                           |

|          |     |     |   |   |               |  |    |      |
|----------|-----|-----|---|---|---------------|--|----|------|
| Not Used | 270 | TD4 | Carrier Details (Special Handling, or Hazardous Materials, or Both) | O | 5             |  |    |      |
| Not Used | 276 | PCT | Percent Amounts   | O | >1            |  |    |      |
| Not Used | 280 | MAN | Marks and Numbers   | O | 10            |  |    |      |
| Not Used | 289 | MSG | Message Text  | O | >1            |  |    |      |
| Not Used | 290 | SPI | Specification Identifier  | O | >1            |  |    |      |
| Not Used | 291 | TXI | Tax Information   | O | >1            |  |    |      |
| Not Used | 292 | CTB | Restrictions/Conditions   | O | >1            |  |    |      |
|          |     |     |   |   | LOOP ID - QTY |  |    | >1   |
| Not Used | 293 | QTY | Quantity  | O | 1             |  |    |      |
| Not Used | 294 | SI  | Service Characteristic Identification                               | O | >1            |  |    |      |
|          |     |     |   |   | LOOP ID - SCH |  |    | 200  |
| Not Used | 295 | SCH | Line Item Schedule  | O | 1             |  | n3 |      |
| Not Used | 296 | TD1 | Carrier Details (Quantity and Weight)                               | O | 2             |  |    |      |
| Not Used | 297 | TD5 | Carrier Details (Routing Sequence/Transit Time)                     | O | 12            |  |    |      |
| Not Used | 298 | TD3 | Carrier Details (Equipment)   | O | 12            |  |    |      |
| Not Used | 299 | TD4 | Carrier Details (Special Handling, or Hazardous Materials, or Both) | O | 5             |  |    |      |
| Not Used | 300 | REF | Reference Identification  | O | >1            |  |    |      |
|          |     |     |   |   | LOOP ID - PKG |  |    | 200  |
| Not Used | 305 | PKG | Marking, Packaging, Loading   | O | 1             |  |    |      |
| Not Used | 310 | MEA | Measurements  | O | >1            |  |    |      |
| Not Used | 320 | LS  | Loop Header   | O | 1             |  |    |      |
|          |     |     |   |   | LOOP ID - LDT |  |    | >1   |
| Not Used | 321 | LDT | Lead Time   | O | 1             |  |    |      |
| Not Used | 322 | QTY | Quantity  | O | >1            |  |    |      |
| Not Used | 323 | MSG | Message Text  | O | 1             |  |    |      |
| Not Used | 324 | REF | Reference Identification  | O | 3             |  |    |      |
|          |     |     |   |   | LOOP ID - LM  |  |    | >1   |
| Not Used | 325 | LM  | Code Source Information   | O | 1             |  |    |      |
| Not Used | 326 | LQ  | Industry Code   | M | >1            |  |    |      |
| Not Used | 327 | LE  | Loop Trailer  | O | 1             |  |    |      |
|          |     |     |   |   | LOOP ID - N9  |  |    | 1000 |
| Not Used | 330 | N9  | Reference Identification  | O | 1             |  |    |      |
| Not Used | 332 | DTM | Date/Time Reference   | O | >1            |  |    |      |
| Not Used | 335 | MEA | Measurements  | O | 40            |  |    |      |
| Not Used | 340 | MSG | Message Text  | O | 1000          |  |    |      |
|          |     |     |   |   | LOOP ID - N1  |  |    | 200  |
| Not Used | 350 | N1  | Name  | O | 1             |  |    |      |
| Not Used | 360 | N2  | Additional Name Information   | O | 2             |  |    |      |
| Not Used | 370 | N3  | Address Information   | O | 2             |  |    |      |
| Not Used | 380 | N4  | Geographic Location   | O | 1             |  |    |      |
| Not Used | 383 | QTY | Quantity  | O | >1            |  |    |      |
| Not Used | 385 | NX2 | Location ID Component   | O | >1            |  |    |      |
| Not Used | 390 | REF | Reference Identification  | O | 12            |  |    |      |
| Not Used | 400 | PER | Administrative Communications Contact                               | O | 3             |  |    |      |
| Not Used | 405 | SI  | Service Characteristic Identification                               | O | >1            |  |    |      |
| Not Used | 406 | DTM | Date/Time Reference   | O | 1             |  |    |      |
| Not Used | 410 | FOB | F.O.B. Related Instructions   | O | 1             |  |    |      |

|               |     |     |   |   |      |
|---------------|-----|-----|---|---|------|
| Not Used      | 415 | SCH | Line Item Schedule  | O | 200  |
| Not Used      | 420 | TD1 | Carrier Details (Quantity and Weight)                               | O | 2    |
| Not Used      | 430 | TD5 | Carrier Details (Routing Sequence/Transit Time)                     | O | 12   |
| Not Used      | 440 | TD3 | Carrier Details (Equipment)   | O | 12   |
| Not Used      | 450 | TD4 | Carrier Details (Special Handling, or Hazardous Materials, or Both) | O | 5    |
| Not Used      | 460 | PKG | Marking, Packaging, Loading   | O | 200  |
| LOOP ID - LDT |     |     |   |   | >1   |
| Not Used      | 462 | LDT | Lead Time   | O | 1    |
| Not Used      | 464 | MAN | Marks and Numbers   | O | 10   |
| Not Used      | 466 | QTY | Quantity  | O | 5    |
| Not Used      | 468 | MSG | Message Text  | O | 1    |
| Not Used      | 469 | REF | Reference Identification  | O | 3    |
| LOOP ID - SLN |     |     |   |   | 1000 |
| Not Used      | 470 | SLN | Subline Item Detail   | O | 1    |
| Not Used      | 475 | MSG | Message Text  | O | >1   |
| Not Used      | 480 | SI  | Service Characteristic Identification                               | O | >1   |
| Not Used      | 490 | PID | Product/Item Description  | O | 1000 |
| Not Used      | 500 | PO3 | Additional Item Detail  | O | 104  |
| Not Used      | 505 | TC2 | Commodity   | O | >1   |
| Not Used      | 513 | ADV | Advertising Demographic Information                                 | O | >1   |
| Not Used      | 515 | DTM | Date/Time Reference   | O | 10   |
| Not Used      | 516 | CTP | Pricing Information   | O | 25   |
| Not Used      | 517 | PAM | Period Amount   | O | 10   |
| Not Used      | 518 | PO4 | Item Physical Details   | O | 1    |
| Not Used      | 519 | TAX | Tax Reference   | O | 3    |
| LOOP ID - N9  |     |     |   |   | >1   |
| Not Used      | 523 | N9  | Reference Identification  | O | 1    |
| Not Used      | 524 | DTM | Date/Time Reference   | O | >1   |
| Not Used      | 525 | MSG | Message Text  | O | >1   |
| LOOP ID - SAC |     |     |   |   | 25   |
| Not Used      | 526 | SAC | Service, Promotion, Allowance, or Charge Information                | O | 1    |
| Not Used      | 527 | CUR | Currency  | O | 1    |
| Not Used      | 528 | CTP | Pricing Information   | O | 1    |
| LOOP ID - QTY |     |     |   |   | >1   |
| Not Used      | 529 | QTY | Quantity  | O | 1    |
| Not Used      | 530 | SI  | Service Characteristic Identification                               | O | >1   |
| LOOP ID - N1  |     |     |   |   | 10   |
| Not Used      | 535 | N1  | Name  | O | 1    |
| Not Used      | 540 | N2  | Additional Name Information   | O | 2    |
| Not Used      | 550 | N3  | Address Information   | O | 2    |
| Not Used      | 560 | N4  | Geographic Location   | O | 1    |
| Not Used      | 570 | NX2 | Location ID Component   | O | >1   |
| Not Used      | 580 | REF | Reference Identification  | O | 12   |
| Not Used      | 590 | PER | Administrative Communications Contact                               | O | 3    |
| Not Used      | 595 | SI  | Service Characteristic Identification                               | O | >1   |
| LOOP ID - AMT |     |     |   |   | >1   |
| Not Used      | 600 | AMT | Monetary Amount   | O | 1    |

|          |     |     |                          |   |    |
|----------|-----|-----|--------------------------|---|----|
| Not Used | 610 | REF | Reference Identification | O | 1  |
| Not Used | 612 | PCT | Percent Amounts          | O | >1 |
| <hr/>    |     |     |                          |   |    |
|          |     |     | LOOP ID - LM             |   | >1 |
| Not Used | 620 | LM  | Code Source Information  | O | 1  |
| Not Used | 630 | LQ  | Industry Code            | M | >1 |

**Summary:**

|          | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u>             | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|----------|-----------------|----------------|-------------------------|------------------|----------------|--------------------|---------------------------|
| <hr/>    |                 |                |                         |                  |                |                    |                           |
|          |                 |                |                         |                  |                | 1                  |                           |
| Must Use | 010             | CTT            | Transaction Totals      | O                | 1              |                    | n4                        |
| Not Used | 020             | AMT            | Monetary Amount         | O                | 1              |                    | n5                        |
| <hr/>    |                 |                |                         |                  |                |                    |                           |
| Must Use | 030             | SE             | Transaction Set Trailer | M                | 1              |                    |                           |

**Transaction Set Notes**

1. If segment LIN is used, do not use LIN01.
2. PO102 is required.
3. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
4. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
5. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading:  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

**Data Element Summary**

| <u>Ref.</u>    | <u>Data</u> | <u>Name</u>  | <u>Attributes</u> |
|----------------|-------------|--|-------------------|
| >> <b>ST01</b> | <b>143</b>  | <b>Transaction Set Identifier Code</b><br>Code uniquely identifying a Transaction Set<br>850 Purchase Order  | <b>M ID 3/3</b>   |
| >> <b>ST02</b> | <b>329</b>  | <b>Transaction Set Control Number</b><br>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set<br>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. | <b>M AN 4/9</b>   |



**Segment:** **BEG** Beginning Segment for Purchase Order  
**Position:** 020  
**Loop:**  
**Level:** Heading:  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

**Syntax Notes:**  
**Semantic Notes:** 1 BEG05 is the date assigned by the purchaser to purchase order.

**Comments:**  
**Notes:**

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

#### Data Element Summary

| Ref. | Data Element | Name   | Attributes |
|------|--------------|--|------------|
| >>   | BEG01        | 353 Transaction Set Purpose Code<br>Code identifying purpose of transaction set  | M ID 2/2   |
|      |              | 00 Original  |            |
|      |              | 06 Confirmation  |            |
|      |              | 22 Information Copy  |            |
|      |              | This code is used to notify anyone other than the seller about this order.   |            |
| >>   | BEG02        | 92 Purchase Order Type Code<br>Code specifying the type of Purchase Order  | M ID 2/2   |
|      |              | BK Blanket Order (Quantity Firm)   |            |
|      |              | NOT USED BY CANADIAN INDUSTRY  |            |
|      |              | RL Release or Delivery Order   |            |
|      |              | NOT USED BY CANADIAN INDUSTRY  |            |
|      |              | SA Stand-alone Order   |            |
| >>   | BEG03        | 324 Purchase Order Number<br>Identifying number for Purchase Order assigned by the orderer/purchaser                                     | M AN 1/22  |
|      |              | Retailer's original purchase order number  |            |
| X    | BEG04        | 328 Release Number<br>Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction | O AN 1/30  |
| >>   | BEG05        | 373 Date<br>Date expressed as CCYYMMDD   | M DT 8/8   |
|      |              | Retailer's original purchase order date  |            |
| X    | BEG06        | 367 Contract Number<br>Contract number   | O AN 1/30  |
| X    | BEG07        | 587 Acknowledgment Type<br>Code specifying the type of acknowledgment  | O ID 2/2   |
| X    | BEG08        | 1019 Invoice Type Code<br>Code defining the method by which invoices are to be processed   | O ID 3/3   |
| X    | BEG09        | 1166 Contract Type Code<br>Code identifying a contract type  | O ID 2/2   |
| X    | BEG10        | 1232 Purchase Category<br>Code identifying the broad category of products or services being acquired                                     | O ID 2/2   |
| X    | BEG11        | 786 Security Level Code<br>Code indicating the level of confidentiality assigned by the sender to the                                    | O ID 2/2   |

**X**

**BEG12**

**640**

information following  
**Transaction Type Code**  
Code specifying the type of transaction

**O ID 2/2**

**Segment:** **CUR** Currency  
**Position:** 040  
**Loop:**  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction  
**Syntax Notes:**

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

**Semantic Notes:**

**Comments:**

**Notes:**

See Section V (CUR Usage) for usage examples.

**Data Element Summary**

| Ref.        | Data           |             |   | Attributes      |
|-------------|----------------|-------------|---|-----------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> |   |                 |
| >>          | CUR01          | 98          | <b>Entity Identifier Code</b>   | <b>M ID 2/3</b> |
|             |                |             | Code identifying an organizational entity, a physical location, property or an individual   |                 |
|             |                | BY          | Buying Party (Purchaser)  |                 |
| >>          | CUR02          | 100         | <b>Currency Code</b>  | <b>M ID 3/3</b> |
|             |                |             | Code (Standard ISO) for country in whose currency the charges are specified   |                 |
|             |                | CAD         | Canadian  |                 |
|             |                | USD         | United States   |                 |
| X           | CUR03          | 280         | <b>Exchange Rate</b>  | <b>O R 4/10</b> |
|             |                |             | Value to be used as a multiplier conversion factor to convert monetary value from one currency to another   |                 |
| X           | CUR04          | 98          | <b>Entity Identifier Code</b>   | <b>O ID 2/3</b> |
|             |                |             | Code identifying an organizational entity, a physical location, property or an individual   |                 |
| X           | CUR05          | 100         | <b>Currency Code</b>  | <b>O ID 3/3</b> |
|             |                |             | Code (Standard ISO) for country in whose currency the charges are specified   |                 |
| X           | CUR06          | 669         | <b>Currency Market/Exchange Code</b>  | <b>O ID 3/3</b> |
|             |                |             | Code identifying the market upon which the currency exchange rate is based  |                 |
| X           | CUR07          | 374         | <b>Date/Time Qualifier</b>  | <b>C ID 3/3</b> |
|             |                |             | Code specifying type of date or time, or both date and time   |                 |
| X           | CUR08          | 373         | <b>Date</b>   | <b>O DT 8/8</b> |
|             |                |             | Date expressed as CCYYMMDD  |                 |
| X           | CUR09          | 337         | <b>Time</b>   | <b>O TM 4/8</b> |
|             |                |             | Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) |                 |
| X           | CUR10          | 374         | <b>Date/Time Qualifier</b>  | <b>C ID 3/3</b> |
|             |                |             | Code specifying type of date or time, or both date and time   |                 |

|   |       |     |  |   |        |
|---|-------|-----|--|---|--------|
| X | CUR11 | 373 | <b>Date</b><br>Date expressed as CCYYMMDD  | C | DT 8/8 |
| X | CUR12 | 337 | <b>Time</b><br>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | C | TM 4/8 |
| X | CUR13 | 374 | <b>Date/Time Qualifier</b><br>Code specifying type of date or time, or both date and time  | C | ID 3/3 |
| X | CUR14 | 373 | <b>Date</b><br>Date expressed as CCYYMMDD  | C | DT 8/8 |
| X | CUR15 | 337 | <b>Time</b><br>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | C | TM 4/8 |
| X | CUR16 | 374 | <b>Date/Time Qualifier</b><br>Code specifying type of date or time, or both date and time  | C | ID 3/3 |
| X | CUR17 | 373 | <b>Date</b><br>Date expressed as CCYYMMDD  | C | DT 8/8 |
| X | CUR18 | 337 | <b>Time</b><br>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | C | TM 4/8 |
| X | CUR19 | 374 | <b>Date/Time Qualifier</b><br>Code specifying type of date or time, or both date and time  | C | ID 3/3 |
| X | CUR20 | 373 | <b>Date</b><br>Date expressed as CCYYMMDD  | C | DT 8/8 |
| X | CUR21 | 337 | <b>Time</b><br>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | C | TM 4/8 |

**Segment:** **REF** Reference Identification  
**Position:** 050  
**Loop:**  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

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

**Comments:**

**Data Element Summary**

| <u>Ref. Des.</u>  | <u>Data Element</u> | <u>Name</u>   | <u>Attributes</u> |
|-------------------|---------------------|---|-------------------|
| >> REF01          | 128                 | <b>Reference Identification Qualifier</b><br>Code qualifying the Reference Identification   | M ID 2/3          |
|                   |                     | D3 National Association of Boards of Pharmacy Number<br>Canadian ECR/EFR/ECRx: This code has been approved by the VICS EDI SMC and will be permitted for use version 004020. Use of this code is permitted prior to version 004020 by trading partner agreement.. |                   |
|                   |                     | DP Department Number<br>This code may be used in the header area or the detail area, but not both.  |                   |
|                   |                     | IA Internal Vendor Number<br>Identification number assigned to the vendor, by the retailer, for use within the retailer's system  |                   |
|                   |                     | IT Internal Customer Number<br>Identification number assigned to the retailer, by the vendor, for use within the vendor's system  |                   |
| Updated July 2000 |                     | <b>PD Promotion/Deal Number</b>   |                   |
| >> REF02          | 127                 | <b>Reference Identification</b><br>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier  | C AN 1/30         |
| X REF03           | 352                 | <b>Description</b><br>A free-form description to clarify the related data elements and their content  | C AN 1/80         |
| X REF04           | C040                | <b>Reference Identifier</b><br>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier  | O                 |

**Segment:** **PER Administrative Communications Contact**  
**Position:** 060  
**Loop:**  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

|    | <u>Ref.</u> | <u>Data</u>    | <u>Name</u>   | <u>Attributes</u> |
|----|-------------|----------------|---|-------------------|
|    | <u>Des.</u> | <u>Element</u> |   |                   |
| >> | PER01       | 366            | <b>Contact Function Code</b><br>Code identifying the major duty or responsibility of the person or group named<br>BD Buyer Name or Department<br>IC Information Contact | <b>M ID 2/2</b>   |
|    | PER02       | 93             | <b>Name</b><br>Free-form name   | <b>O AN 1/60</b>  |
|    | PER03       | 365            | <b>Communication Number Qualifier</b><br>Code identifying the type of communication number<br>TE Telephone  | <b>O ID 2/2</b>   |
|    | PER04       | 364            | <b>Communication Number</b><br>Complete communications number including country or area code when applicable  | <b>O AN 1/80</b>  |
| X  | PER05       | 365            | <b>Communication Number Qualifier</b><br>Code identifying the type of communication number  | <b>C ID 2/2</b>   |
| X  | PER06       | 364            | <b>Communication Number</b><br>Complete communications number including country or area code when applicable  | <b>C AN 1/80</b>  |
| X  | PER07       | 365            | <b>Communication Number Qualifier</b><br>Code identifying the type of communication number  | <b>C ID 2/2</b>   |
| X  | PER08       | 364            | <b>Communication Number</b><br>Complete communications number including country or area code when applicable  | <b>C AN 1/80</b>  |
| X  | PER09       | 443            | <b>Contact Inquiry Reference</b><br>Additional reference number or description to clarify a contact number  | <b>O AN 1/20</b>  |

**Segment:** **FOB** **F.O.B. Related Instructions**

**Position:** 080

**Loop:**

**Level:** Heading:

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify transportation instructions relating to shipment

**Syntax Notes:** 1 If FOB03 is present, then FOB02 is required.

2 If FOB04 is present, then FOB05 is required.

3 If FOB07 is present, then FOB06 is required.

4 If FOB08 is present, then FOB09 is required.

**Semantic Notes:** 1 FOB01 indicates which party will pay the carrier.


2 FOB02 is the code specifying transportation responsibility location.

3 FOB06 is the code specifying the title passage location.

4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

**Comments:**

**Data Element Summary**

|    | <u>Ref.</u> | <u>Data</u>    | <u>Name</u>  | <u>Attributes</u> |
|----|-------------|----------------|--|-------------------|
|    | <u>Des.</u> | <u>Element</u> |  |                   |
| >> | FOB01       | 146            | <b>Shipment Method of Payment</b><br>Code identifying payment terms for transportation charges                                 | M ID 2/2          |
|    |             |                | CC Collect   |                   |
|    |             |                |  PB Customer Pick-up/Backhaul                 |                   |
|    |             |                | PP Prepaid (by Seller)   |                   |
|    | FOB02       | 309            | <b>Location Qualifier</b><br>Code identifying type of location   | C ID 1/2          |
|    |             |                | DE Destination (Shipping)  |                   |
|    |             |                | OR Origin (Shipping Point)   |                   |
|    | FOB03       | 352            | <b>Description</b><br>A free-form description to clarify the related data elements and their content                           | O AN 1/80         |
|    |             |                | Free-form name of transportation responsibility location   |                   |
| X  | FOB04       | 334            | <b>Transportation Terms Qualifier Code</b><br>Code identifying the source of the transportation terms                          | O ID 2/2          |
| X  | FOB05       | 335            | <b>Transportation Terms Code</b><br>Code identifying the trade terms which apply to the shipment transportation responsibility | C ID 3/3          |
| X  | FOB06       | 309            | <b>Location Qualifier</b><br>Code identifying type of location   | C ID 1/2          |
| X  | FOB07       | 352            | <b>Description</b><br>A free-form description to clarify the related data elements and their content                           | O AN 1/80         |
| X  | FOB08       | 54             | <b>Risk of Loss Code</b><br>Code specifying where responsibility for risk of loss passes                                       | O ID 2/2          |
| X  | FOB09       | 352            | <b>Description</b><br>A free-form description to clarify the related data elements and their content                           | C AN 1/80         |

**Segment:** **SAC Service, Promotion, Allowance, or Charge Information**

**Position:** 120

**Loop:** SAC Optional

**Level:** Heading:

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 If SAC11 is present, then SAC10 is required.
  - 2 If SAC14 is present, then SAC13 is required.
  - 3 If SAC16 is present, then SAC15 is required.
  - 4 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
  - 5 If either SAC03 or SAC04 is present, then the other is required.
  - 6 If either SAC06 or SAC07 is present, then the other is required.
  - 7 If either SAC09 or SAC10 is present, then the other is required.
  - 8 At least one of SAC02 or SAC03 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
  - 2 SAC05 is the total amount for the service, promotion, allowance, or charge.
  - 3 If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
  - 4 SAC08 is the allowance or charge rate per unit.
  - 5 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
  - 6 SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
  - 7 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
  - 8 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
  - 9 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
  - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

**Notes:** There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the header area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the header area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.

SAC03 contains special service requirement codes and special processing codes. This code list is maintained by the VICS EDI SMC and is located in Section III of this guideline.

**Data Element Summary**

| Ref.        | Data           |   |                   |
|-------------|----------------|---|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u>   | <u>Attributes</u> |
| >> SAC01    | 248            | <b>Allowance or Charge Indicator</b>                                  | <b>M ID 1/1</b>   |
|             |                | Code which indicates an allowance or charge for the service specified |                   |
|             |                | A Allowance   |                   |
|             |                | C Charge  |                   |
|             |                | N No Allowance or Charge  |                   |
|             |                | R Allowance Request   |                   |
| SAC02       | 1300           | <b>Service, Promotion, Allowance, or Charge Code</b>                  | <b>C ID 4/4</b>   |
|             |                | Code identifying the service, promotion, allowance, or charge         |                   |



|       |       |   |                 |         |        |
|-------|-------|---|-----------------|---------|--------|
| SAC03 | 559   | <b>Agency Qualifier Code</b>  | C               | ID 2/2  |        |
|       |       | Code identifying the agency assigning the code values   |                 |         |        |
|       |       | VI Voluntary Inter-Industry Commerce Standard (VICS)<br>EDI   |                 |         |        |
| SAC04 | 1301  | <b>Agency Service, Promotion, Allowance, or Charge Code</b>   | C               | AN 1/10 |        |
|       |       | Agency maintained code identifying the service, promotion, allowance, or charge   |                 |         |        |
|       |       | See Section III for code list.  |                 |         |        |
| SAC05 | 610   | <b>Amount</b>   | O               | N2 1/15 |        |
|       |       | Monetary amount   |                 |         |        |
|       |       | When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates. |                 |         |        |
| SAC06 | 378   | <b>Allowance/Charge Percent Qualifier</b>   | C               | ID 1/1  |        |
|       |       | Code indicating on what basis allowance or charge percent is calculated   |                 |         |        |
|       |       | 1 Item List Cost  |                 |         |        |
|       |       | 2 Item Net Cost   |                 |         |        |
|       |       | 3 Discount/Gross  |                 |         |        |
|       |       | All allowances are off the gross price including cash discount.   |                 |         |        |
|       |       | 4 Discount/Net  |                 |         |        |
|       |       | All allowances are off the gross price. Cash discounts are off the net.   |                 |         |        |
|       |       | 5 Base Price per Unit   |                 |         |        |
|       |       | Line item discount  |                 |         |        |
|       |       | 6 Base Price Amount   |                 |         |        |
|       |       | 7 Base Price Amount Less Previous Discount  |                 |         |        |
|       |       | Declining balance method  |                 |         |        |
| SAC07 | 332   | <b>Percent</b>  | C               | R 1/6   |        |
|       |       | Percent expressed as a percent  |                 |         |        |
|       |       | The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".  |                 |         |        |
| SAC08 | 118   | <b>Rate</b>   | O               | R 1/9   |        |
|       |       | Rate expressed in the standard monetary denomination for the currency specified   |                 |         |        |
| SAC09 | 355   | <b>Unit or Basis for Measurement Code</b>   | C               | ID 2/2  |        |
|       |       | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  |                 |         |        |
|       |       | CA Case   |                 |         |        |
|       |       | EA Each   |                 |         |        |
|       |       | PL Pallet/Unit Load   |                 |         |        |
| SAC10 | 380   | <b>Quantity</b>   | C               | R 1/15  |        |
|       |       | Numeric value of quantity   |                 |         |        |
|       |       | When SAC02 contains code D170, this data element is required and will contain the quantity of free goods. The unit of measure is in SAC09.  |                 |         |        |
|       |       | SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to the service, promotion, allowance, or charge.   |                 |         |        |
| X     | SAC11 | 380   | <b>Quantity</b> | O       | R 1/15 |
|       |       | Numeric value of quantity   |                 |         |        |
| SAC12 | 331   | <b>Allowance or Charge Method of Handling Code</b>  | O               | ID 2/2  |        |

Code indicating method of handling for an allowance or charge

|    |                                      |  |
|----|--------------------------------------|--|
| 01 | <b>Bill Back</b>                     | The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.  |
| 02 | <b>Off Invoice</b>                   | The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.   |
| 03 | <b>Vendor Check to Customer</b>      | The vendor will issue a check directly to the customer of the retailer, or end consumer, for the allowance or charge amount. The amount is not reflected in the total invoice amount.  |
| 04 | <b>Credit Customer Account</b>       | The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.  |
| 05 | <b>Charge to be Paid by Vendor</b>   | The vendor is responsible for the allowance or charge amount. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.   |
| 06 | <b>Charge to be Paid by Customer</b> | When the order/item is a direct ship to the customer, or end consumer of the retailer, the allowance or charge amount is the responsibility of the customer or end consumer. If it is not a drop ship to the customer of the retailer, then the allowance or charge amount is the responsibility of the retailer. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount. |

**SAC13 127 Reference Identification C AN 1/30**

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

Canadian ECR/EFR/ECRx : Tax Registration Number



**SAC14 770 Option Number C AN 1/20**

A unique number identifying available promotion or allowance options when more than one is offered

**SAC15 352 Description O AN 1/80**

A free-form description to clarify the related data elements and their content

**SAC16 819 Language Code O ID 2/3**

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

**Segment:** **ITD** **Terms of Sale/Deferred Terms of Sale**

**Position:** 130

**Loop:**

**Level:** Heading:

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify terms of sale

**Syntax Notes:**

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

**Semantic Notes:**

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

**Comments:**

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

**Notes:**




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

See Section V (ITD Terms Specification and Formulas) for usage examples.

In the transitional period for the retail industry, from paper to full automated EDI transactions, there may be a perceived need to send text data with the terms. Clearly the goal is to have the entire retail industry participating in EDI. Therefore, if text data is needed to be sent for terms, ITD12 will contain the free form text. If additional text is needed, additional ITD segments will be used.

#### Data Element Summary

| Ref.<br>Des. | Data<br>Element | Name   | Attributes                                      |
|--------------|-----------------|--|---|
| ITD01        | 336             | <b>Terms Type Code</b>                             | <b>O ID 2/2</b>                                 |
|              |                 | Code identifying type of payment terms             |   |
|              |                 | 01 Basic   | This code will be deleted after Version 004010. |
|              |                 | 02 End of Month (EOM)                              |   |
|              |                 | 03 Fixed Date                                      | This code will be deleted after Version 004010. |
|              |                 | 04 Deferred or Installment                         |   |
|              |                 | 05 Discount Not Applicable                         |   |
|              |                 | 06 Mixed   | This code will be deleted after Version 004010. |
|              |                 | 07 Extended  | This code will be deleted after Version 004010. |
|              |                 | 08 Basic Discount Offered                          |   |
|              |                 | 09 Proximo   |   |
|              |                 | 10 Instant   | This code will be deleted after Version 004010. |
|              |                 | 11 Elective  | This code will be deleted after Version 004010. |
|              |                 | 12 10 Days After End of Month (10 EOM)             |   |
|              |                 | 14 Previously agreed upon                          |   |
| ITD02        | 333             | <b>Terms Basis Date Code</b>                       | <b>O ID 1/2</b>                                 |
|              |                 | Code identifying the beginning of the terms period |   |
|              |                 | 1 Ship Date  |   |
|              |                 | 2 Delivery Date                                    |   |
|              |                 | 3 Invoice Date                                     |   |
|              |                 | 4 Specified Date                                   |   |

|   |   |   |  |  |  |
|---|---|---|--|--|--|
|   |   | 7   | Effective Date   |  |  |
|   |   |   |  | The date is specified in the DTM segment in the header area using code 007 in DTM01. |  |
|   |   | 8   | Invoice Transmission Date  |  |  |
|   |   | 15  | Receipt of Goods   |  |  |
|   | <b>ITD03</b>  | <b>338</b>  | <b>Terms Discount Percent</b>  | <b>O R 1/6</b>   |  |
|   |   |   | Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date |  |  |
|   |   |   | The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".                             |  |  |
| X | <b>ITD04</b>  | <b>370</b>  | <b>Terms Discount Due Date</b>   | <b>C DT 8/8</b>  |  |
|   |   |   | Date payment is due if discount is to be earned expressed in format CCYYMMDD   |  |  |
|   | <b>ITD05</b>  | <b>351</b>  | <b>Terms Discount Days Due</b>   | <b>C N0 1/3</b>  |  |
|   |   |   | Number of days in the terms discount period by which payment is due if terms discount is earned  |  |  |
|   |   |   | The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.                       |  |  |
| X | <b>ITD06</b>  | <b>446</b>  | <b>Terms Net Due Date</b>  | <b>O DT 8/8</b>  |  |
|   |   |   | Date when total invoice amount becomes due expressed in format CCYYMMDD  |  |  |
|   | <b>ITD07</b>  | <b>386</b>  | <b>Terms Net Days</b>  | <b>O N0 1/3</b>  |  |
|   |   |   | Number of days until total invoice amount is due (discount not applicable)   |  |  |
|   |   |   | The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.                       |  |  |
|   | <b>ITD08</b>  | <b>362</b>  | <b>Terms Discount Amount</b>   | <b>O N2 1/10</b>   |  |
|   |   |   | Total amount of terms discount   |  |  |
| X | <b>ITD09</b>  | <b>388</b>  | <b>Terms Deferred Due Date</b>   | <b>O DT 8/8</b>  |  |
|   |   |   | Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD  |  |  |
| X | <b>ITD10</b>  | <b>389</b>  | <b>Deferred Amount Due</b>   | <b>C N2 1/10</b>   |  |
|   |   |   | Deferred amount due for payment  |  |  |
| X | <b>ITD11</b>  | <b>342</b>  | <b>Percent of Invoice Payable</b>  | <b>C R 1/5</b>   |  |
|   |   |   | Amount of invoice payable expressed in percent   |  |  |
|   | <b>ITD12</b>  | <b>352</b>  | <b>Description</b>   | <b>O AN 1/80</b>   |  |
|   |   |   | A free-form description to clarify the related data elements and their content   |  |  |
|   |  |  |   | <b>NOT USED BY CANADIAN INDUSTRY</b>   |  |
| X | <b>ITD13</b>  | <b>765</b>  | <b>Day of Month</b>  | <b>C N0 1/2</b>  |  |
|   |   |   | The numeric value of the day of the month between 1 and the maximum day of the month being referenced  |  |  |
| X | <b>ITD14</b>  | <b>107</b>  | <b>Payment Method Code</b>   | <b>O ID 1/2</b>  |  |
|   |   |   | Code identifying type of payment procedures  |  |  |
| X | <b>ITD15</b>  | <b>954</b>  | <b>Percent</b>   | <b>O R 1/10</b>  |  |
|   |   |   | Percentage expressed as a decimal  |  |  |

**Segment:** **DTM** Date/Time Reference  
**Position:** 150  
**Loop:**  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**  
**Comments:**  
**Notes:** This segment is used to specify order processing dates.

#### Data Element Summary

| Ref. | Data Element | Name  | Attributes |
|------|--------------|---|------------|
| >>   | DTM01        | 374 Date/Time Qualifier<br>Code specifying type of date or time, or both date and time  | M ID 3/3   |
|      |              | 002 Delivery Requested  |            |
|      |              | 118 Requested Pick-up<br>Pickup date for backhaul   |            |
| >>   | DTM02        | 373 Date<br>Date expressed as CCYYMMDD  | C DT 8/8   |
|      | DTM03        | 337 Time<br>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)                                   | C TM 4/8   |
| X    | DTM04        | 623 Time Code<br>Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow | O ID 2/2   |
| X    | DTM05        | 1250 Date Time Period Format Qualifier<br>Code indicating the date format, time format, or date and time format   | C ID 2/3   |
| X    | DTM06        | 1251 Date Time Period<br>Expression of a date, a time, or range of dates, times or dates and times  | C AN 1/35  |

|                        |   |
|------------------------|---|
| <b>Segment:</b>        | <b>TD5</b> Carrier Details (Routing Sequence/Transit Time)  |
| <b>Position:</b>       | 240   |
| <b>Loop:</b>           |   |
| <b>Level:</b>          | Heading:  |
| <b>Usage:</b>          | Optional  |
| <b>Max Use:</b>        | 12  |
| <b>Purpose:</b>        | To specify the carrier and sequence of routing and provide transit time information   |
| <b>Syntax Notes:</b>   | <ol style="list-style-type: none"> <li>1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.</li> <li>2 If TD502 is present, then TD503 is required.</li> <li>3 If TD507 is present, then TD508 is required.</li> <li>4 If TD510 is present, then TD511 is required.</li> <li>5 If TD513 is present, then TD512 is required.</li> <li>6 If TD514 is present, then TD513 is required.</li> <li>7 If TD515 is present, then TD512 is required.</li> </ol>   |
| <b>Semantic Notes:</b> | 1 TD515 is the country where the service is to be performed.  |
| <b>Comments:</b>       | 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.   |
| <b>Notes:</b>          | This segment is used to specify every carrier in the routing sequence or a specific routing sequence that has been previously identified (usually from a routing guide). The segment can also be used to indicate estimated transit time in days. Only use TD501 if needed for clarity; this is not a requirement in most retail applications. When referring to a pre-established routing guide, use code 91 or 92 in TD502, and identify the routing sequence, from the routing guide, in TD503. To identify a specific private parcel service, TD502 will contain code 2, and TD503 will contain the corresponding SCAC. TD510 and TD511 are used to specify transit time. |

#### Data Element Summary

| <u>Ref.</u>  | <u>Data</u>  | <u>Attributes</u>              |
|--------------|--|--------------------------------|
| <u>Des.</u>  | <u>Element</u> <u>Name</u>   | <u>O</u> <u>ID</u> <u>1/2</u>  |
| <b>TD501</b> | <b>133</b> <b>Routing Sequence Code</b>  |                                |
|              | Code describing the relationship of a carrier to a specific shipment movement          |                                |
|              | 1 1st Carrier after Origin Carrier   |                                |
|              | 2 2nd Carrier after Origin Carrier   |                                |
|              | 3 3rd Carrier after Origin Carrier   |                                |
|              | 4 4th Carrier after Origin Carrier   |                                |
|              | 5 5th Carrier after Origin Carrier   |                                |
|              | 6 6th Carrier after Origin Carrier   |                                |
|              | 7 7th Carrier after Origin Carrier   |                                |
|              | 8 8th Carrier after Origin Carrier   |                                |
|              | 9 9th Carrier after Origin Carrier   |                                |
|              | A Origin Carrier, Agent's Routing (Rail)   |                                |
|              | B Origin/Delivery Carrier (Any Mode)   |                                |
|              | O Origin Carrier (Air, Motor, or Ocean)  |                                |
|              | S Origin Carrier, Shipper's Routing (Rail)   |                                |
| <b>TD502</b> | <b>66</b> <b>Identification Code Qualifier</b>   | <b>C</b> <b>ID</b> <b>1/2</b>  |
|              | Code designating the system/method of code structure used for Identification Code (67) |                                |
|              | 2 Standard Carrier Alpha Code (SCAC)   |                                |
|              | 91 Assigned by Seller or Seller's Agent  |                                |
|              | 92 Assigned by Buyer or Buyer's Agent  |                                |
| <b>TD503</b> | <b>67</b> <b>Identification Code</b>   | <b>C</b> <b>AN</b> <b>2/80</b> |
|              | Code identifying a party or other code   |                                |
| <b>TD504</b> | <b>91</b> <b>Transportation Method/Type Code</b>                                       | <b>C</b> <b>ID</b> <b>1/2</b>  |

Code specifying the method or type of transportation for the shipment

H Customer Pickup  
M Motor (Common Carrier)

Updated July 2000 TD505

|   | TD505 | 387 | <b>Routing</b>   | C | AN 1/35 |
|---|-------|-----|--|---|---------|
|   |       |     | Free-form description of the routing or requested routing for shipment, or the originating carrier's identity  |   |         |
|   |       |     | Note:  |   |         |
|   |       |     | 1: The example below shows the switching of carriers. "ABC" will now haul the product instead of "XYZ" company. When the buyer creates the purchase order, he doesn't really care who the carrier is; this is the responsibility of the traffic department. It should not be up to the buyer or traffic clerk to pick up a phone, call the supplier and tell them the new routing. The purchase order should handle that.  |   |         |
|   |       |     | 2: Other examples where carriers have been switched based on weight. For example, if the buyers were to order product where the total purchase order weight is less than 250 pounds, the routing on the purchase order would say to ship via courier. If the purchase order weight were over 250 pounds the routing would say to ship via carrier "QRS". It was mentioned that sending a "master document" to each supplier that would outline who is to haul the product. This seems like a labour intensive process considering the number of suppliers (100's). |   |         |
| X | TD506 | 368 | <b>Shipment/Order Status Code</b>  | C | ID 2/2  |
|   |       |     | Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction   |   |         |
| X | TD507 | 309 | <b>Location Qualifier</b>  | O | ID 1/2  |
|   |       |     | Code identifying type of location  |   |         |
| X | TD508 | 310 | <b>Location Identifier</b>   | C | AN 1/30 |
|   |       |     | Code which identifies a specific location  |   |         |
| X | TD509 | 731 | <b>Transit Direction Code</b>  | O | ID 2/2  |
|   |       |     | The point of origin and point of direction   |   |         |
| X | TD510 | 732 | <b>Transit Time Direction Qualifier</b>  | O | ID 2/2  |
|   |       |     | Code specifying the value of time used to measure the transit time   |   |         |
| X | TD511 | 733 | <b>Transit Time</b>  | C | R 1/4   |
|   |       |     | The numeric amount of transit time   |   |         |
| X | TD512 | 284 | <b>Service Level Code</b>  | C | ID 2/2  |
|   |       |     | Code indicating the level of transportation service or the billing service offered by the transportation carrier   |   |         |
| X | TD513 | 284 | <b>Service Level Code</b>  | C | ID 2/2  |
|   |       |     | Code indicating the level of transportation service or the billing service offered by the transportation carrier   |   |         |
| X | TD514 | 284 | <b>Service Level Code</b>  | O | ID 2/2  |
|   |       |     | Code indicating the level of transportation service or the billing service offered by the transportation carrier   |   |         |
| X | TD515 | 26  | <b>Country Code</b>  | O | ID 2/3  |
|   |       |     | Code identifying the country   |   |         |

**Segment:** **TD3 Carrier Details (Equipment)**  
**Position:** 250  
**Loop:**  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify transportation details relating to the equipment used by the carrier  
**Syntax Notes:**

- 1 Only one of TD301 or TD310 may be present.
- 2 If TD302 is present, then TD303 is required.
- 3 If TD304 is present, then TD305 is required.
- 4 If either TD305 or TD306 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

|    | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u>   | <u>Attributes</u> |
|----|------------------|---------------------|---|-------------------|
| >> | TD301            | 40                  | <b>Equipment Description Code</b><br>Code identifying type of equipment used for shipment<br>CV Closed Van<br>FT Flat Bed Trailer<br>RT Controlled Temperature Trailer (Reefer)<br>TL Trailer (not otherwise specified) | C ID 2/2          |
| X  | TD302            | 206                 | <b>Equipment Initial</b><br>Prefix or alphabetic part of an equipment unit's identifying number   | O AN 1/4          |
| X  | TD303            | 207                 | <b>Equipment Number</b><br>Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)  | C AN 1/10         |
| X  | TD304            | 187                 | <b>Weight Qualifier</b><br>Code defining the type of weight   | O ID 1/2          |
| X  | TD305            | 81                  | <b>Weight</b><br>Numeric value of weight  | C R 1/10          |
| X  | TD306            | 355                 | <b>Unit or Basis for Measurement Code</b><br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken   | C ID 2/2          |
| X  | TD307            | 102                 | <b>Ownership Code</b><br>Code indicating the relationship of equipment to carrier or ownership of equipment   | O ID 1/1          |
| X  | TD308            | 407                 | <b>Seal Status Code</b><br>Code indicating condition of door seal upon arrival  | O ID 2/2          |
| X  | TD309            | 225                 | <b>Seal Number</b><br>Unique number on seal used to close a shipment  | O AN 2/15         |
| X  | TD310            | 24                  | <b>Equipment Type</b><br>Code identifying equipment type  | C ID 4/4          |



**Segment:** **N9 Reference Identification**  
**Position:** 295  
**Loop:** N9 Optional  
**Level:** Heading:  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier  
**Syntax Notes:** 1 At least one of N902 or N903 is required.  
 2 If N906 is present, then N905 is required.  
**Semantic Notes:** 1 N906 reflects the time zone which the time reflects.  
 2 N907 contains data relating to the value cited in N902.  
**Comments:**

**Data Element Summary**

|    | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u>  | <u>Attributes</u> |
|----|------------------|---------------------|--|-------------------|
| >> | N901             | 128                 | <b>Reference Identification Qualifier</b><br>Code qualifying the Reference Identification<br>AH Agreement Number   | M ID 2/3          |
| >> | N902             | 127                 | <b>Reference Identification</b><br>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier   | C AN 1/30         |
| X  | N903             | 369                 | <b>Free-form Description</b><br>Free-form descriptive text   | C AN 1/45         |
| X  | N904             | 373                 | <b>Date</b><br>Date expressed as CCYYMMDD  | O DT 8/8          |
| X  | N905             | 337                 | <b>Time</b><br>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)                                   | C TM 4/8          |
| X  | N906             | 623                 | <b>Time Code</b><br>Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow | O ID 2/2          |
| X  | N907             | C040                | <b>Reference Identifier</b><br>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier   | O                 |

**Segment:** **MSG** Message Text

**Position:** 300

**Loop:** N9 Optional (Must Use)

**Level:** Heading:

**Usage:** Optional

**Max Use:** 1000

**Purpose:** To provide a free-form format that allows the transmission of text information

**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.

**Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.

**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.




**Notes:** This segment will contain any text clauses for the agreement referenced in the previous N9 segment.

**Data Element Summary**







|    | <u>Ref.</u> | <u>Data</u>    | <u>Name</u>  | <u>Attributes</u> |
|----|-------------|----------------|--|-------------------|
|    | <u>Des.</u> | <u>Element</u> |  |                   |
| >> | MSG01       | 933            | <b>Free-Form Message Text</b><br>Free-form message text  | M AN 1/264        |
| X  | MSG02       | 934            | <b>Printer Carriage Control Code</b><br>A field to be used for the control of the line feed of the receiving printer | C ID 2/2          |
| X  | MSG03       | 1470           | <b>Number</b><br>A generic number  | O N0 1/9          |

|                        |   |
|------------------------|---|
| <b>Segment:</b>        | <b>N1 Name</b>  |
| <b>Position:</b>       | 310   |
| <b>Loop:</b>           | N1 Optional   |
| <b>Level:</b>          | Heading:  |
| <b>Usage:</b>          | Mandatory   |
| <b>Max Use:</b>        | 1   |
| <b>Purpose:</b>        | To identify a party by type of organization, name, and code   |
| <b>Syntax Notes:</b>   | <ol style="list-style-type: none"> <li>1 At least one of N102 or N103 is required.</li> <li>2 If either N103 or N104 is present, then the other is required.</li> </ol>   |
| <b>Semantic Notes:</b> |   |
| <b>Comments:</b>       | <ol style="list-style-type: none"> <li>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.</li> <li>2 N105 and N106 further define the type of entity in N101.</li> </ol>   |
| <b>Notes:</b>          | <p>This segment is used to identify the retailer's location as it pertains to the order. Every purchase order must contain the identity of the buying party (purchaser). This is accomplished in one of two ways depending on the type of purchase order, Basic or Spreadsheet.</p> <p><b>BASIC</b> There will be at least one occurrence of the N1 segment to specify the buying party by using code BY in N101. It is assumed that, for a particular buying location, the vendor has the ship to and bill to in their system, therefore, it need not be sent. Use the ship to if there are multiple ship-to locations for the buying location.</p> <p><b>SPREADSHEET</b> The SDQ segment specifies the retailer's buying locations. Therefore, code BY is not used in the N1 segment for the spreadsheet purchase order. It is assumed the vendor has the bill to and ship to for all of the retailer's buying locations. Therefore, this segment is normally not used. If either the bill-to or ship-to locations are to be overridden, this segment is used to specify those locations. Only one iteration of each of the bill to or ship to overrides is allowed.</p> <p><b>CAUTION</b>, this will override every bill to or ship to for every buying location in the SDQ segment(s). For example, when the customer is instructing the supplier to package goods for cross-docking, one iteration of the N1 segment, with N101 containing code ST, may be used to indicate the ship-to location. The ship-to location overrides the ship-to locations that are normally associated with the buying parties identified in the SDQ segment(s).</p> <p>N103 and N104 are required except when N101 contains code CT, MA or OB.</p> <p>When the ship to is the end consumer (customer of retailer), N103 and N104 are not required.;</p> <p>In some EDI implementations, it may be necessary to identify the sender and/or receiver of the transaction set within each transaction set. To identify the sender of the transaction set, N101 will contain code FR, N103 will contain code 93, and N104 will contain the actual identification number. To identify the receiver of the transaction set, N101 will contain code TO, N103 will contain code 94, and N104 will contain the actual identification number. These four codes may be used only in the combination listed above and may be used only to identify the sender and/or receiver of the transaction set.</p> |

### Data Element Summary

| Ref.<br><u>Des.</u><br>N101 | <u>Data Element</u><br>98   | <u>Name</u><br>Entity Identifier Code   | <u>Attributes</u><br>M ID 2/3   |
|-----------------------------|---|---|---|
| >>                          |    | Code identifying an organizational entity, a physical location, property or an individual |   |
|                             |   | Canadian ECR/EFR/ECRx must use codes: BO, BS, BT, BY, SF, ST, SU and VN only              |   |
|                             |   | AG  | Agent/Agency<br>Buyer's agent   |
|                             |   | BL  | Party to Receive Bill of Lading   |
|                             |   | BO  | Broker or Sales Office<br>For a domestic purchase order, this is the manufacturer's sales office. For an import purchase order this is the sales office that interacts with the manufacturer's/buyer's agent. |
|                             |   | BS  | Bill and Ship To  |
|                             |   | BT  | Bill-to-Party   |
|                             |   | BY  | Buying Party (Purchaser)  |
|                             |   | CB  | Customs Broker  |
|                             |   | CN  | Consignee   |
|                             |   | CS  | Consolidator<br>This is the consolidation point for the order and must be used in conjunction with an additional N1 segment containing code ST in N101.   |
|                             |   | CT  | Country of Origin   |
|                             |   | EX  | Exporter<br>Owner of quota when not the manufacturer  |
|                             |   | FR  | Message From  |
|                             |   | FW  | Forwarder<br>Freight forwarder  |
|                             |   | H9  | Designer<br>This code is used to identify a separate party, from the manufacturer, that designed or developed the product. Required for disclosing the designer to U.S. Customs.                              |
|                             |   | MA  | Party for whom Item is Ultimately Intended<br>Ultimate receiver   |
|                             |   | MF  | Manufacturer of Goods<br>Manufacturer of goods being supplied when supplier is not the manufacturer   |
|                             |   | NP  | Notify Party for Shipper's Order<br>This code is used to identify the receiver of original documents for clearing goods through customs.  |
|                             |   | OB  | Ordered By<br>Customer of retailer  |
|                             |   | SF  | Ship From   |
|                             |   | ST  | Ship To   |
|                             |   | SU  | Supplier/Manufacturer<br>Supplier may or may not be the manufacturer  |
|                             |   | TO  | Message To  |
|                             |   | Z7  | Mark-for Party<br>The party for whom the needed material is intended<br>This is the receiving location for the order where the  |

location is neither the buying party nor the ship-to location and the mark-for party is specified on the shipping label, e.g., the mark-for party is a satellite warehouse, the buying party is the store, and the ship-to location is the distribution center.

|          |             |   |   |          |  |
|----------|-------------|---|---|----------|--|
|          | <b>N102</b> | <b>93</b>   | <b>Name</b>   | <b>C</b> | <b>AN 1/60</b>   |
|          |             |   | Free-form name  |          |  |
|          | <b>N103</b> | <b>66</b>   | <b>Identification Code Qualifier</b>  | <b>C</b> | <b>ID 1/2</b>  |
|          |             |   | Code designating the system/method of code structure used for Identification Code (67)    |          |  |
|          |             |   | 1   |          | D-U-N-S Number, Dun & Bradstreet   |
|          |             |   | 9   |          | D-U-N-S+4, D-U-N-S Number with Four Character Suffix   |
|          |             | <b>R<sub>x</sub></b>  | 21  |          | Health Industry Number (HIN)   |
|          |             |   |   |          | Canadian ECR <sub>x</sub> : This has been approved by the VICS EDI SMC for use in VICS EDI version 004020. Use prior to version 004020 through trading partner agreement only.   |
|          |             |   | 91  |          | Assigned by Seller or Seller's Agent   |
|          |             |   | 92  |          | Assigned by Buyer or Buyer's Agent   |
|          |             |   | 93  |          | Code assigned by the organization originating the transaction set  |
|          |             |       | <b>R<sub>x</sub></b>  |          | Canadian ECR/EFR/ECR <sub>x</sub> : This code is not used  |
|          |             |   | 94  |          | Code assigned by the organization that is the ultimate destination of the transaction set  |
|          |             |     | <b>R<sub>x</sub></b>  |          | Canadian ECR/EFR/ECR <sub>x</sub> : This code is not used  |
|          |             |   | UL  |          | UCC/EAN Location Code  |
|          |             |   |   |          | 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.  |
|          | <b>N104</b> | <b>67</b>   | <b>Identification Code</b>  | <b>C</b> | <b>AN 2/80</b>   |
|          |             |   | Code identifying a party or other code  |          |  |
|          |             |   |   |          | This is the location code as defined by N103. The location code may be a formal number, e.g., DUNS, or it may be assigned by either the buyer or seller. The location refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses. |
| <b>X</b> | <b>N105</b> | <b>706</b>  | <b>Entity Relationship Code</b>   | <b>O</b> | <b>ID 2/2</b>  |
|          |             |   | Code describing entity relationship   |          |  |
|          | <b>N106</b> | <b>98</b>   | <b>Entity Identifier Code</b>   | <b>O</b> | <b>ID 2/3</b>  |
|          |             |   | Code identifying an organizational entity, a physical location, property or an individual |          |  |
|          |             |   | <b>R<sub>x</sub></b>  |          | <b>NOT USED BY CANADIAN INDUSTRY</b>   |

**Segment:** **N2 Additional Name Information**  
**Position:** 320  
**Loop:** N1 Optional  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

| Ref.        | Data           |                        |                   |
|-------------|----------------|------------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u>            | <u>Attributes</u> |
| >> N201     | 93             | Name<br>Free-form name | M AN 1/60         |
| N202        | 93             | Name<br>Free-form name | O AN 1/60         |

**Segment:** **N3** Address Information  
**Position:** 330  
**Loop:** N1 Optional  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

|                | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u>                                       | <u>Attributes</u> |
|----------------|------------------|---------------------|---|-------------------|
| >>             | N301             | 166                 | <b>Address Information</b><br>Address information | M AN 1/55         |
| R <sub>x</sub> | N302             | 166                 | <b>Address Information</b><br>Address information | O AN 1/55         |

**Segment:** **N4 Geographic Location**  
**Position:** 340  
**Loop:** N1 Optional  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.

**Data Element Summary**

| <u>Ref.</u> | <u>Data</u>    | <u>Name</u>  | <u>Attributes</u> |
|-------------|----------------|--|-------------------|
| <u>Des.</u> | <u>Element</u> |  |                   |
| N401        | 19             | <b>City Name</b><br>Free-form text for city name   | O AN 2/30         |
| N402        | 156            | <b>State or Province Code</b><br>Code (Standard State/Province) as defined by appropriate government agency                      | O ID 2/2          |
| N403        | 116            | <b>Postal Code</b><br>Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | O ID 3/15         |
| N404        | 26             | <b>Country Code</b><br>Code identifying the country<br>CA Canada<br>MX Mexico<br>US USA  | O ID 2/3          |
| X           | N405           | <b>309 Location Qualifier</b><br>Code identifying type of location   | C ID 1/2          |
| X           | N406           | <b>310 Location Identifier</b><br>Code which identifies a specific location  | O AN 1/30         |



**Segment:** **REF** Reference Identification  
**Position:** 350  
**Loop:** N1 Optional  
**Level:** Heading:  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

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

**Comments:**  
**Notes:**

This segment is used to identify a dock number, within the ship-to location, when the ship-to-location number does not uniquely identify the ship to and dock number. It also may be used to identify the floor number within the delivery location.

**Data Element Summary**

| <u>Ref.</u> | <u>Data</u>  | <u>Element</u> | <u>Name</u>  | <u>Attributes</u> |
|-------------|--------------|----------------|--|-------------------|
| >>          | <b>REF01</b> | <b>128</b>     | <b>Reference Identification Qualifier</b><br>Code qualifying the Reference Identification<br>2J Floor Number<br>Canadian ECR/EFR/ECRx: This code is not used<br>DK Dock Number | <b>M ID 2/3</b>   |
| >>          | <b>REF02</b> | <b>127</b>     | <b>Reference Identification</b><br>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier                 | <b>C AN 1/30</b>  |
| X           | <b>REF03</b> | <b>352</b>     | <b>Description</b><br>A free-form description to clarify the related data elements and their content   | <b>C AN 1/80</b>  |
| X           | <b>REF04</b> | <b>C040</b>    | <b>Reference Identifier</b><br>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier                                     | <b>O</b>          |

**Segment:** **PO1** **Baseline Item Data**  
**Position:** 010  
**Loop:** PO1 Mandatory  
**Level:** Detail:  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify basic and most frequently used line item data  
**Syntax Notes:**

- 1 If PO103 is present, then PO102 is required.
- 2 If PO105 is present, then PO104 is required.
- 3 If either PO106 or PO107 is present, then the other is required.
- 4 If either PO108 or PO109 is present, then the other is required.
- 5 If either PO110 or PO111 is present, then the other is required.
- 6 If either PO112 or PO113 is present, then the other is required.
- 7 If either PO114 or PO115 is present, then the other is required.
- 8 If either PO116 or PO117 is present, then the other is required.
- 9 If either PO118 or PO119 is present, then the other is required.
- 10 If either PO120 or PO121 is present, then the other is required.
- 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

**Semantic Notes:**

**Comments:**

- 1 PO101 is the line item identification.
- 2 PO106 through PO125 provide for ten different product/service IDs per each item.  
For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

**Notes:** The multi-SKU case pack is used by retailers to order cases packed with specific items, each with a specific quantity. This is similar to the dynamic assortment, however, the unit of measurement code in PO103 is different for each use.

For dynamic assortments, PO103 will contain code AS. This identifies the item listed in the Product/Service IDs as an assortment and the contents of the assortment are listed in subsequent SLN segments. For assortments, at least one occurrence of the Product/Service ID Qualifier and the Product/Service ID are required to identify the assortment. This may be a U.P.C., a vendor assigned number, or a retailer assigned number. There is no implication of packaging for assortments; this is part of the trading partners' business practices. Assortments are primarily used as an ordering tool.

For the multi-SKU case pack, PO103 will contain code CA, and there is no requirement to send a Product/Service ID in the PO1 segment. The use of code CA in PO103, and the presence of the SLN segments, informs the receiver to pack the cases with the SKUs and quantities in the SLN segments. The quantity in PO102 is the number of cases being ordered. Each SLN segment, that follows the PO1 segment, lists the Product ID, e.g., U.P.C., and the quantity of the SKU that is to be in the case. The total units in each case is the sum of the quantities in the SLN segment.

The codes listed for PO106 apply to every occurrence of Data Element 235 in the PO1 segment.

See Section III for complete U.P.C. and EAN code definitions.

**Data Element Summary**

|    | <b>Ref.</b> | <b>Data</b>   | <b>Attributes</b> |
|----|-------------|---|-------------------|
|    | <b>Des.</b> | <b>Element Name</b>   |                   |
| X  | PO101       | 350 <b>Assigned Identification</b><br>Alphanumeric characters assigned for differentiation within a transaction set   | O AN 1/20         |
| >> | PO102       | 330 <b>Quantity Ordered</b><br>Quantity ordered   | C R 1/15          |
| >> | PO103       | 355 <b>Unit or Basis for Measurement Code</b><br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O ID 2/2          |

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|           |                  |
|-----------|------------------|
| <b>BA</b> | <b>Bale</b>      |
| BG        | Bag              |
| BO        | Bottle           |
| BX        | Box              |
| CA        | Case             |
| <b>CN</b> | <b>Can</b>       |
| <b>CT</b> | <b>Carton</b>    |
| <b>DS</b> | <b>Display</b>   |
| <b>DZ</b> | <b>Dozen</b>     |
| EA        | Each             |
| <b>PK</b> | <b>Package</b>   |
| PL        | Pallet/Unit Load |
| <b>RL</b> | <b>Roll</b>      |

**R<sub>x</sub>**      **PO104**      **212**      **Unit Price**      **C**      **R 1/17**

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

Canadian ECR/EFR: Not recommended for use. Specify price using the CTP segment instead.

The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".

To indicate free goods, use a single zero (0) in PO104 and code NC in PO105.

**X**      **PO105**      **639**      **Basis of Unit Price Code**      **O**      **ID 2/2**

Code identifying the type of unit price for an item

This data element is used to clarify or alter the basis of unit price. The unit price expressed in PO104 is always in the same terms as the unit of measure in PO103, unless otherwise specified in PO105.

**PO106**      **235**      **Product/Service ID Qualifier**      **C**      **ID 2/2**

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

Canadian ECR: After database reengineering, it is strongly recommended that trading partners adopt "UK" for product identification.

EN      European Article Number (EAN) (2-5-5-1)

IN      Buyer's Item Number

Canadian EFR note: use of this code to be agreed upon by trading partner

UA      U.P.C./EAN Case Code (2-5-5)

Canadian ECR: "UA" is not recommended for new applications. It is being phased out.

UK      U.P.C./EAN Shipping Container Code (1-2-5-5-1)

Canadian ECR: After database reengineering, Canadian ECR strongly recommends that trading partners adopt "UK" for product identification.

UN      U.P.C. Case Code Number (1-1-5-5)

UP      U.P.C. Consumer Package Code (1-5-5-1)

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**VN**      **Vendor's (Seller's) Item Number**

**Note:**

1: Trading Partners are strongly encouraged to use GTIN as the only method of positively & unambiguously identifying a product.

2: For manufacturers not using U.P.C. (UCC-12) they should contact the ECCC.

'VN' is recognized for use by vendors as they transition to the GTIN system.

|   |       |     |  |   |         |
|---|-------|-----|--|---|---------|
|   | PO107 | 234 | <b>Product/Service ID</b><br>Identifying number for a product or service   | C | AN 1/48 |
|   | PO108 | 235 | <b>Product/Service ID Qualifier</b><br>Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2  |
|   | PO109 | 234 | <b>Product/Service ID</b><br>Identifying number for a product or service   | C | AN 1/48 |
|   | PO110 | 235 | <b>Product/Service ID Qualifier</b><br>Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2  |
|   | PO111 | 234 | <b>Product/Service ID</b><br>Identifying number for a product or service   | C | AN 1/48 |
|   | PO112 | 235 | <b>Product/Service ID Qualifier</b><br>Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2  |
|   | PO113 | 234 | <b>Product/Service ID</b><br>Identifying number for a product or service   | C | AN 1/48 |
|   | PO114 | 235 | <b>Product/Service ID Qualifier</b><br>Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2  |
|   | PO115 | 234 | <b>Product/Service ID</b><br>Identifying number for a product or service   | C | AN 1/48 |
|   | PO116 | 235 | <b>Product/Service ID Qualifier</b><br>Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2  |
|   | PO117 | 234 | <b>Product/Service ID</b><br>Identifying number for a product or service   | C | AN 1/48 |
| X | PO118 | 235 | <b>Product/Service ID Qualifier</b><br>Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2  |
| X | PO119 | 234 | <b>Product/Service ID</b><br>Identifying number for a product or service   | C | AN 1/48 |
| X | PO120 | 235 | <b>Product/Service ID Qualifier</b><br>Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2  |
| X | PO121 | 234 | <b>Product/Service ID</b><br>Identifying number for a product or service   | C | AN 1/48 |
| X | PO122 | 235 | <b>Product/Service ID Qualifier</b><br>Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2  |
| X | PO123 | 234 | <b>Product/Service ID</b><br>Identifying number for a product or service   | C | AN 1/48 |
| X | PO124 | 235 | <b>Product/Service ID Qualifier</b><br>Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2  |
| X | PO125 | 234 | <b>Product/Service ID</b>  | C | AN 1/48 |

Identifying number for a product or service

**Segment:** **CTP Pricing Information**

**Position:** 040  
**Loop:** PO1/CTP Optional  
**Level:** Detail  
**Usage:** Mandatory

**Max Use:** 1  
**Purpose:** To specify pricing information

- Syntax Notes:**
- 1 If either CTP04 or CTP05 is present, then the other is required.
  - 2 If CTP06 is present, then CTP07 is required.
  - 3 If CTP09 is present, then CTP02 is required.
  - 4 If CTP10 is present, then CTP02 is required.
  - 5 If CTP11 is present, then CTP03 is required.

- Semantic Notes:**
- 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
  - 2 CTP08 is the rebate amount.



Canadian ECR/EFR/ECRx note: use the CTP segment to transmit all pricing information.

**Data Element Summary**

|    | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u>  | <u>Attributes</u> |
|----|------------------|---------------------|--|-------------------|
| X  | CTP01            | 687                 | <b>Class of Trade Code</b><br>Code indicating class of trade<br>AG Agent<br>BG Buying Group<br>DE Dealer<br>DI Distributor<br>RS Resale<br>WH Wholesaler   | O ID 2/2          |
| >> | CTP02            | 236                 | <b>Price Identifier Code</b><br>Code identifying pricing specification<br>Canadian ECR: Net Price or Price before any allowance or charge.<br>UCP Unit cost price<br>Item list cost<br>Canadian ECR/EFR/ECRx: Unit price in the CTPO2 is dependant on how the product is ordered (i.e. if the product is ordered by the case, then the pricing in CTP02 is price per case) | C ID 3/3          |
| >> | CTP03            | 212                 | <b>Unit Price</b><br>Price per unit of product, service, commodity, etc.<br>The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".  | C R 1/17          |
|    | CTP04            | 380                 | <b>Quantity</b><br>Numeric value of quantity   | C R 1/15          |
|    | CTP05            | C001                | <b>Composite Unit of Measure</b><br>To identify a composite unit of measure (See Figures Appendix for examples of use)   | X                 |
| >> | C00101           | 355                 | <b>Unit or Basis for Measurement Code</b><br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken<br>See Section III for code list.  | M ID 2/2          |
| X  | C00102           | 1018                | <b>Exponent</b>  | O R 1/15          |

|   |        |      |   |   |         |
|---|--------|------|---|---|---------|
|   |        |      | Power to which a unit is raised   |   |         |
| X | C00103 | 649  | <b>Multiplier</b><br>Value to be used as a multiplier to obtain a new value   | O | R 1/10  |
| X | C00104 | 355  | <b>Unit or Basis for Measurement Code</b><br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O | ID 2/2  |
| X | C00105 | 1018 | <b>Exponent</b><br>Power to which a unit is raised  | O | R 1/15  |
| X | C00106 | 649  | <b>Multiplier</b><br>Value to be used as a multiplier to obtain a new value   | O | R 1/10  |
| X | C00107 | 355  | <b>Unit or Basis for Measurement Code</b><br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O | ID 2/2  |
| X | C00108 | 1018 | <b>Exponent</b><br>Power to which a unit is raised  | O | R 1/15  |
| X | C00109 | 649  | <b>Multiplier</b><br>Value to be used as a multiplier to obtain a new value   | O | R 1/10  |
| X | C00110 | 355  | <b>Unit or Basis for Measurement Code</b><br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O | ID 2/2  |
| X | C00111 | 1018 | <b>Exponent</b><br>Power to which a unit is raised  | O | R 1/15  |
| X | C00112 | 649  | <b>Multiplier</b><br>Value to be used as a multiplier to obtain a new value   | O | R 1/10  |
| X | C00113 | 355  | <b>Unit or Basis for Measurement Code</b><br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O | ID 2/2  |
| X | C00114 | 1018 | <b>Exponent</b><br>Power to which a unit is raised  | O | R 1/15  |
| X | C00115 | 649  | <b>Multiplier</b><br>Value to be used as a multiplier to obtain a new value   | O | R 1/10  |
| X | CTP06  | 648  | <b>Price Multiplier Qualifier</b><br>Code indicating the type of price multiplier   | O | ID 3/3  |
| X | CTP07  | 649  | <b>Multiplier</b><br>Value to be used as a multiplier to obtain a new value   | C | R 1/10  |
| X | CTP08  | 782  | <b>Monetary Amount</b><br>Monetary amount   | O | R 1/18  |
|   | CTP09  | 639  | <b>Basis of Unit Price Code</b><br>Code identifying the type of unit price for an item<br>NT Net<br>Indicates a net unit price<br>PE Price per Each         | O | ID 2/2  |
| X | CTP10  | 499  | <b>Condition Value</b><br>Identifies rate restrictions or provisions  | O | AN 1/10 |
| X | CTP11  | 289  | <b>Multiple Price Quantity</b><br>Quantity of units for a given price, e.g., 3 for \$10.00  | O | N0 1/2  |

|                        |   |
|------------------------|---|
| <b>Segment:</b>        | <b>PID</b> Product/Item Description   |
| <b>Position:</b>       | 050   |
| <b>Loop:</b>           | PO1/PID Optional  |
| <b>Level:</b>          | Detail:   |
| <b>Usage:</b>          | Mandatory   |
| <b>Max Use:</b>        | 1   |
| <b>Purpose:</b>        | To describe a product or process in coded or free-form format   |
| <b>Syntax Notes:</b>   | <ol style="list-style-type: none"> <li>1 If PID04 is present, then PID03 is required.</li> <li>2 At least one of PID04 or PID05 is required.</li> <li>3 If PID07 is present, then PID03 is required.</li> <li>4 If PID08 is present, then PID04 is required.</li> <li>5 If PID09 is present, then PID05 is required.</li> </ol>   |
| <b>Semantic Notes:</b> | <ol style="list-style-type: none"> <li>1 Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>2 PID04 should be used for industry-specific product description codes.</li> <li>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.</li> <li>4 PID09 is used to identify the language being used in PID05.</li> </ol> |
| <b>Comments:</b>       | <ol style="list-style-type: none"> <li>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.</li> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>3 PID07 specifies the individual code list of the agency specified in PID03.</li> </ol>   |
| <b>Notes:</b>          | <p>The PID segment is used to provide product/item descriptions in text and or coded formats. The codes in PID04 are maintained by the VICS EDI SMC and are only printed in this guideline.</p>   |

This segment may be used to transmit semi-custom product descriptions, such as made-to-order window coverings, jewelry, furniture, apparel, automotive parts, and other customer specific products. When used for this purpose, PID04 will contain the multi-part VICS EDI Semi-Custom Product Description Code. The complete code list is contained in Section III. In addition to the VICS EDI Semi-Custom Product Description Code, PID05 may be used for text descriptions, PID06 for relative placement, and additional MEA segment(s) for actual measurement values.

#### Data Element Summary

| Ref.        | Data           | Name   | Attributes       |
|-------------|----------------|--|------------------|
| <u>Des.</u> | <u>Element</u> |  |                  |
| >> PID01    | 349            | <b>Item Description Type</b><br>Code indicating the format of a description  | <b>M ID 1/1</b>  |
|             |                | F Free-form  |                  |
|             |                | The description will be found in PID05.  |                  |
| PID02       | 750            | <b>Product/Process Characteristic Code</b><br>Code identifying the general class of a product or process characteristic          | <b>O ID 2/3</b>  |
|             |                | 08 Product   |                  |
| PID03       | 559            | <b>Agency Qualifier Code</b><br>Code identifying the agency assigning the code values  | <b>C ID 2/2</b>  |
|             |                | <b>NOT USED BY CANADIAN INDUSTRY</b>   |                  |
|             |                | VI Voluntary Inter-Industry Commerce Standard (VICS)<br>EDI  |                  |
| PID04       | 751            | <b>Product Description Code</b><br>A code from an industry code list which provides specific data about a product characteristic | <b>C AN 1/12</b> |
|             |                | <b>NOT USED BY CANADIAN INDUSTRY</b>   |                  |
|             |                | CL Collateral  |                  |





GW Gift with purchase  
 OS Size not within normal size range (odd size)  
 PP Product sold only as part of a prepack (assortment)  
 PW Purchase with pPurchase  
 RN Product cannot be reordered  
 RY Product can be reordered













|          |              |             |  |          |                |
|----------|--------------|-------------|--|----------|----------------|
|          | <b>PID05</b> | <b>352</b>  | <b>Description</b>   | <b>C</b> | <b>AN 1/80</b> |
|          |              |             | A free-form description to clarify the related data elements and their content   |          |                |
| <b>X</b> | <b>PID06</b> | <b>752</b>  | <b>Surface/Layer/Position Code</b>   | <b>O</b> | <b>ID 2/2</b>  |
|          |              |             | Code indicating the product surface, layer or position that is being described   |          |                |
| <b>X</b> | <b>PID07</b> | <b>822</b>  | <b>Source Subqualifier</b>   | <b>O</b> | <b>AN 1/15</b> |
|          |              |             | A reference that indicates the table or text maintained by the Source Qualifier  |          |                |
| <b>X</b> | <b>PID08</b> | <b>1073</b> | <b>Yes/No Condition or Response Code</b>   | <b>O</b> | <b>ID 1/1</b>  |
|          |              |             | Code indicating a Yes or No condition or response  |          |                |
| <b>X</b> | <b>PID09</b> | <b>819</b>  | <b>Language Code</b>   | <b>O</b> | <b>ID 2/3</b>  |
|          |              |             | Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639) |          |                |

|                        |  |
|------------------------|--|
| <b>Segment:</b>        | <b>PO4</b> Item Physical Details   |
| <b>Position:</b>       | 090  |
| <b>Loop:</b>           | PO1  |
| <b>Level:</b>          | Detail:  |
| <b>Usage:</b>          | Optional   |
| <b>Max Use:</b>        | >1   |
| <b>Purpose:</b>        | To specify the physical qualities, packaging, weights, and dimensions relating to the item   |
| <b>Syntax Notes:</b>   | <ol style="list-style-type: none"> <li>1 If either PO402 or PO403 is present, then the other is required.</li> <li>2 If PO405 is present, then PO406 is required.</li> <li>3 If either PO406 or PO407 is present, then the other is required.</li> <li>4 If either PO408 or PO409 is present, then the other is required.</li> <li>5 If PO410 is present, then PO413 is required.</li> <li>6 If PO411 is present, then PO413 is required.</li> <li>7 If PO412 is present, then PO413 is required.</li> <li>8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.</li> <li>9 If PO417 is present, then PO416 is required.</li> <li>10 If PO418 is present, then PO404 is required.</li> </ol> |
| <b>Semantic Notes:</b> | <ol style="list-style-type: none"> <li>1 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.</li> <li>2 PO416 is the package identifier or the beginning package identifier in a range of identifiers.</li> <li>3 PO417 is the ending package identifier in a range of identifiers.</li> <li>4 PO418 is the number of packages in this layer.</li> </ol>  |
| <b>Comments:</b>       | <ol style="list-style-type: none"> <li>1 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".</li> <li>2 PO413 defines the unit of measure for PO410, PO411, and PO412.</li> </ol>   |
| <b>Notes:</b>          | <p>This segment is used to specify the packaging of the item in the case or carton. There may be two levels of packaging specified. The first level is always specified by using PO401 (Pack). The first level may be actual items, e.g., consumer units, or it may be the number of smaller containers within the case. The second level, specified using PO414 (Inner Pack), is the number of eaches in each inner container when PO401 is the number of smaller containers within the case. See Section V (Pack/Inner Pack Usage) for usage examples.</p> <p>This segment can be used also to specify the weight and/or volume (cube) for the item by using PO406 and PO407, and/or PO408 and PO409.</p>          |

#### Data Element Summary

| <u>Ref.</u>  | <u>Data</u> | <u>Element</u> | <u>Name</u>  | <u>Attributes</u> |
|--|-------------|----------------|--|-------------------|
|  |             | PO401          | 356 Pack   | O N0 1/6          |
|  |             |                | The number of inner containers, or number of eaches if there are no inner containers, per outer container  |                   |
|  <b>R<sub>x</sub></b> |             | PO402          | 357 Size   | C R 1/8           |
|  |             |                | Size of supplier units in pack   |                   |
|  |             |                | Canadian EFR/ECRx note: This element is has been approved by the VICS EDI SMC for use in version 004020. Use prior to 004020 through trading partner agreement only. |                   |
|  <b>R<sub>x</sub></b> |             | PO403          | 355 Unit or Basis for Measurement Code   | C ID 2/2          |
|  |             |                | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken   |                   |

Canadian EFR/ECRx note: This element is has been approved by the VICS EDI SMC for use in version 004020. Use prior to 004020 through trading partner agreement only.

|   |   |      |  |   |         |
|---|---|------|--|---|---------|
| X | PO404   | 103  | <b>Packaging Code</b><br>Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required | C | AN 3/5  |
| X | PO405   | 187  | <b>Weight Qualifier</b><br>Code defining the type of weight  | O | ID 1/2  |
|   | PO406   | 384  | <b>Gross Weight per Pack</b><br>Numeric value of gross weight per pack   | C | R 1/9   |
|   |    |      | <b>NOT USED BY CANADIAN INDUSTRY</b>   |   |         |
|   | PO407   | 355  | <b>Unit or Basis for Measurement Code</b><br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken                      | C | ID 2/2  |
|   |    |      | <b>NOT USED BY CANADIAN INDUSTRY</b>   |   |         |
|   | PO408   | 385  | <b>Gross Volume per Pack</b><br>Numeric value of gross volume per pack   | C | R 1/9   |
|   |    |      | <b>NOT USED BY CANADIAN INDUSTRY</b>   |   |         |
|   | PO409   | 355  | <b>Unit or Basis for Measurement Code</b><br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken                      | C | ID 2/2  |
|   |    |      | <b>NOT USED BY CANADIAN INDUSTRY</b>   |   |         |
| X | PO410   | 82   | <b>Length</b><br>Largest horizontal dimension of an object measured when the object is in the upright position   | C | R 1/8   |
| X | PO411   | 189  | <b>Width</b><br>Shorter measurement of the two horizontal dimensions measured with the object in the upright position  | C | R 1/8   |
| X | PO412   | 65   | <b>Height</b><br>Vertical dimension of an object measured when the object is in the upright position   | C | R 1/8   |
| X | PO413   | 355  | <b>Unit or Basis for Measurement Code</b><br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken                      | C | ID 2/2  |
|   | PO414   | 810  | <b>Inner Pack</b><br>The number of eaches per inner container  | O | N0 1/6  |
| X | PO415   | 752  | <b>Surface/Layer/Position Code</b><br>Code indicating the product surface, layer or position that is being described   | O | ID 2/2  |
| X | PO416   | 350  | <b>Assigned Identification</b><br>Alphanumeric characters assigned for differentiation within a transaction set  | C | AN 1/20 |
| X | PO417   | 350  | <b>Assigned Identification</b><br>Alphanumeric characters assigned for differentiation within a transaction set  | O | AN 1/20 |
| X | PO418   | 1470 | <b>Number</b><br>A generic number  | O | N0 1/9  |

**Segment:** **SAC Service, Promotion, Allowance, or Charge Information**

**Position:** 130  
**Loop:** PO1/SAC Optional  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 If SAC11 is present, then SAC10 is required.
  - 2 If SAC14 is present, then SAC13 is required.
  - 3 If SAC16 is present, then SAC15 is required.
  - 4 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
  - 5 If either SAC03 or SAC04 is present, then the other is required.
  - 6 If either SAC06 or SAC07 is present, then the other is required.
  - 7 If either SAC09 or SAC10 is present, then the other is required.
  - 8 At least one of SAC02 or SAC03 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
  - 2 SAC05 is the total amount for the service, promotion, allowance, or charge.
  - 3 If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
  - 4 SAC08 is the allowance or charge rate per unit.
  - 5 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
  - 6 SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
  - 7 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
  - 8 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
  - 9 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
  - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

**Notes:** There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the header area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the header area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.

SAC03 contains special service requirement codes and special processing codes. This code list is maintained by the VICS EDI SMC and is located in Section III of this guideline.

**Data Element Summary**

| Ref.        | Data           |   |                   |
|-------------|----------------|---|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u>   | <u>Attributes</u> |
| >> SAC01    | 248            | <b>Allowance or Charge Indicator</b>                                  | <b>M ID 1/1</b>   |
|             |                | Code which indicates an allowance or charge for the service specified |                   |
|             |                | A Allowance   |                   |
|             |                | C Charge  |                   |
|             |                | N No Allowance or Charge  |                   |
|             |                | R Allowance Request   |                   |
| SAC02       | 1300           | <b>Service, Promotion, Allowance, or Charge Code</b>                  | <b>C ID 4/4</b>   |
|             |                | Code identifying the service, promotion, allowance, or charge         |                   |

|       |       |   |   |   |         |
|-------|-------|---|---|---|---------|
|       |       |   | See Section III for code list.  |   |         |
| SAC03 | 559   | <b>Agency Qualifier Code</b>                                |   | C | ID 2/2  |
|       |       |   | Code identifying the agency assigning the code values   |   |         |
|       |       | VI  | Voluntary Inter-Industry Commerce Standard (VICS) EDI   |   |         |
| SAC04 | 1301  | <b>Agency Service, Promotion, Allowance, or Charge Code</b> |   | C | AN 1/10 |
|       |       |   | Agency maintained code identifying the service, promotion, allowance, or charge   |   |         |
|       |       |   | See Section III for code list.  |   |         |
| SAC05 | 610   | <b>Amount</b>   |   | O | N2 1/15 |
|       |       |   | Monetary amount   |   |         |
|       |       |   | When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates. |   |         |
| SAC06 | 378   | <b>Allowance/Charge Percent Qualifier</b>                   |   | C | ID 1/1  |
|       |       |   | Code indicating on what basis allowance or charge percent is calculated   |   |         |
|       |       | 1   | Item List Cost  |   |         |
|       |       | 2   | Item Net Cost   |   |         |
|       |       | 3   | Discount/Gross  |   |         |
|       |       |   | All allowances are off the gross price including cash discount.   |   |         |
|       |       | 4   | Discount/Net  |   |         |
|       |       |   | All allowances are off the gross price. Cash discounts are off the net.   |   |         |
|       |       | 5   | Base Price per Unit   |   |         |
|       |       |   | Line item discount  |   |         |
|       |       | 6   | Base Price Amount   |   |         |
|       |       | 7   | Base Price Amount Less Previous Discount  |   |         |
|       |       |   | Declining balance method  |   |         |
| SAC07 | 332   | <b>Percent</b>  |   | C | R 1/6   |
|       |       |   | Percent expressed as a percent  |   |         |
|       |       |   | The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".  |   |         |
| SAC08 | 118   | <b>Rate</b>   |   | O | R 1/9   |
|       |       |   | Rate expressed in the standard monetary denomination for the currency specified   |   |         |
| SAC09 | 355   | <b>Unit or Basis for Measurement Code</b>                   |   | C | ID 2/2  |
|       |       |   | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  |   |         |
|       |       |   | See Section III for code list.  |   |         |
|       |       | CA  | Case  |   |         |
|       |       | EA  | Each  |   |         |
|       |       | PL  | Pallet/Unit Load  |   |         |
| SAC10 | 380   | <b>Quantity</b>   |   | C | R 1/15  |
|       |       |   | Numeric value of quantity   |   |         |
|       |       |   | When SAC02 contains code D170, this data element is required and will contain the quantity of free goods. The unit of measure is in SAC09.  |   |         |
|       |       |   | SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to the service, promotion, allowance, or charge.   |   |         |
| X     | SAC11 | 380   | <b>Quantity</b>   | O | R 1/15  |
|       |       |   | Numeric value of quantity   |   |         |

SAC12 331 Allowance or Charge Method of Handling Code O ID 2/2

Code indicating method of handling for an allowance or charge

- 01 Bill Back  
The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.
- 02 Off Invoice  
The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.
- 03 Vendor Check to Customer  
The vendor will issue a check directly to the customer of the retailer, or end consumer, for the allowance or charge amount. The amount is not reflected in the total invoice amount.
- 04 Credit Customer Account  
The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.
- 05 Charge to be Paid by Vendor  
The vendor is responsible for the allowance or charge amount. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.
- 06 Charge to be Paid by Customer  
When the order/item is a direct ship to the customer, or end consumer of the retailer, the allowance or charge amount is the responsibility of the customer or end consumer. If it is not a drop ship to the customer of the retailer, then the allowance or charge amount is the responsibility of the retailer. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.

SAC13 127 Reference Identification X AN 1/30

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



R<sub>x</sub>

Tax Registration Number

X

SAC14 770 Option Number O AN 1/20

A unique number identifying available promotion or allowance options when more than one is offered

SAC15 352 Description C AN 1/80

A free-form description to clarify the related data elements and their content

SAC16 819 Language Code O ID 2/3

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

|                        |  |
|------------------------|--|
| <b>Segment:</b>        | <b>SDQ Destination Quantity</b>  |
| <b>Position:</b>       | 190  |
| <b>Loop:</b>           | PO1  |
| <b>Level:</b>          | Detail:  |
| <b>Usage:</b>          | Optional   |
| <b>Max Use:</b>        | 500  |
| <b>Purpose:</b>        | To specify destination and quantity detail   |
| <b>Syntax Notes:</b>   | <ol style="list-style-type: none"> <li>1 If either SDQ05 or SDQ06 is present, then the other is required.</li> <li>2 If either SDQ07 or SDQ08 is present, then the other is required.</li> <li>3 If either SDQ09 or SDQ10 is present, then the other is required.</li> <li>4 If either SDQ11 or SDQ12 is present, then the other is required.</li> <li>5 If either SDQ13 or SDQ14 is present, then the other is required.</li> <li>6 If either SDQ15 or SDQ16 is present, then the other is required.</li> <li>7 If either SDQ17 or SDQ18 is present, then the other is required.</li> <li>8 If either SDQ19 or SDQ20 is present, then the other is required.</li> <li>9 If either SDQ21 or SDQ22 is present, then the other is required.</li> </ol> |
| <b>Semantic Notes:</b> | 1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.  |
| <b>Comments:</b>       | <ol style="list-style-type: none"> <li>1 SDQ02 is used only if different than previously defined in the transaction set.</li> <li>2 SDQ03 is the store number.</li> <li>3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.</li> </ol>   |
| <b>Notes:</b>          | This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103, and all occurrences of Data Element 67, in this segment, function as N104. The SDQ segment functions as an N1 segment containing code BY in N101, that is, the SDQ segment specifies various buying locations. The N1 segment, in the basic order, specifies only one location. The sum of all quantities in the SDQ segment(s), for a line item, must equal the quantity ordered in PO102.   |

#### Data Element Summary

| <u>Ref.</u> | <u>Data</u>    | <u>Name</u>   | <u>Attributes</u> |
|-------------|----------------|---|-------------------|
| <u>Des.</u> | <u>Element</u> |   |                   |
| >>          | SDQ01          | 355 <b>Unit or Basis for Measurement Code</b>   | <b>M ID 2/2</b>   |
|             |                | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  |                   |
|             |                | CA Case   |                   |
|             |                | EA Each   |                   |
|             |                | PL Pallet/Unit Load   |                   |
| >>          | SDQ02          | 66 <b>Identification Code Qualifier</b>   | <b>O ID 1/2</b>   |
|             |                | Code designating the system/method of code structure used for Identification Code (67)  |                   |
|             |                | 1 D-U-N-S Number, Dun & Bradstreet  |                   |
|             |                | 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix  |                   |
|             |                | <b>R<sub>x</sub></b> 21 Health Industry Number (HIN)  |                   |
|             |                | Canadian ECR <sub>x</sub> : This has been approved by the VICS EDI SMC for use in VICS EDI version 004020. Use prior to version 004020 through trading partner agreement only.                                |                   |
|             |                | 91 Assigned by Seller or Seller's Agent   |                   |
|             |                | 92 Assigned by Buyer or Buyer's Agent   |                   |
|             |                | UL UCC/EAN Location Code  |                   |
|             |                | 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. |                   |

|    |       |     |   |   |         |
|----|-------|-----|---|---|---------|
| >> | SDQ03 | 67  | <b>Identification Code</b><br>Code identifying a party or other code    | M | AN 2/80 |
| >> | SDQ04 | 380 | <b>Quantity</b><br>Numeric value of quantity                            | M | R 1/15  |
|    | SDQ05 | 67  | <b>Identification Code</b><br>Code identifying a party or other code    | C | AN 2/80 |
|    | SDQ06 | 380 | <b>Quantity</b><br>Numeric value of quantity                            | C | R 1/15  |
|    | SDQ07 | 67  | <b>Identification Code</b><br>Code identifying a party or other code    | C | AN 2/80 |
|    | SDQ08 | 380 | <b>Quantity</b><br>Numeric value of quantity                            | C | R 1/15  |
|    | SDQ09 | 67  | <b>Identification Code</b><br>Code identifying a party or other code    | C | AN 2/80 |
|    | SDQ10 | 380 | <b>Quantity</b><br>Numeric value of quantity                            | C | R 1/15  |
|    | SDQ11 | 67  | <b>Identification Code</b><br>Code identifying a party or other code    | C | AN 2/80 |
|    | SDQ12 | 380 | <b>Quantity</b><br>Numeric value of quantity                            | C | R 1/15  |
|    | SDQ13 | 67  | <b>Identification Code</b><br>Code identifying a party or other code    | C | AN 2/80 |
|    | SDQ14 | 380 | <b>Quantity</b><br>Numeric value of quantity                            | C | R 1/15  |
|    | SDQ15 | 67  | <b>Identification Code</b><br>Code identifying a party or other code    | C | AN 2/80 |
|    | SDQ16 | 380 | <b>Quantity</b><br>Numeric value of quantity                            | C | R 1/15  |
|    | SDQ17 | 67  | <b>Identification Code</b><br>Code identifying a party or other code    | C | AN 2/80 |
|    | SDQ18 | 380 | <b>Quantity</b><br>Numeric value of quantity                            | C | R 1/15  |
|    | SDQ19 | 67  | <b>Identification Code</b><br>Code identifying a party or other code    | C | AN 2/80 |
|    | SDQ20 | 380 | <b>Quantity</b><br>Numeric value of quantity                            | C | R 1/15  |
|    | SDQ21 | 67  | <b>Identification Code</b><br>Code identifying a party or other code    | C | AN 2/80 |
|    | SDQ22 | 380 | <b>Quantity</b><br>Numeric value of quantity                            | C | R 1/15  |
| X  | SDQ23 | 310 | <b>Location Identifier</b><br>Code which identifies a specific location | O | AN 1/30 |



**Segment:** **CTT Transaction Totals**  
**Position:** 010  
**Loop:** CTT Optional  
**Level:** Summary:  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.  
 2 If either CTT05 or CTT06 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

**Data Element Summary**

| Ref.        | Data           | Name  | Attributes |
|-------------|----------------|---|------------|
| <u>Des.</u> | <u>Element</u> |   |            |
| >> CTT01    | 354            | <b>Number of Line Items</b><br>Total number of line items in the transaction set<br>The number of PO1 segments present in the transaction set | M N0 1/6   |

**Updated July 2000 Opened CTT02, 03, 04, 05, 06**

|       |     |   |           |
|-------|-----|---|-----------|
| CTT02 | 347 | <b>Hash Total</b><br>Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. | O R 1/10  |
| CTT03 | 81  | <b>Weight</b><br>Numeric value of weight  | C R 1/10  |
| CTT04 | 355 | <b>Unit or Basis for Measurement Code</b><br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken   | C ID 2/2  |
| CTT05 | 183 | <b>Volume</b><br>Value of volumetric measure  | C R 1/8   |
| CTT06 | 355 | <b>Unit or Basis for Measurement Code</b><br>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken   | C ID 2/2  |
| CTT07 | 352 | <b>Description</b><br>A free-form description to clarify the related data elements and their content  | O AN 1/80 |

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary:  
**Usage:** Mandatory  
**Max Use:** 1  
**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)

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

#### Data Element Summary

|    | <u>Ref.</u> | <u>Data</u>    | <u>Name</u>  | <u>Attributes</u> |
|----|-------------|----------------|--|-------------------|
|    | <u>Des.</u> | <u>Element</u> |  |                   |
| >> | SE01        | 96             | <b>Number of Included Segments</b><br>Total number of segments included in a transaction set including ST and SE segments  | M N0 1/10         |
| >> | SE02        | 329            | <b>Transaction Set Control Number</b><br>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set<br>This must be the same number as is in the ST segment (ST02) for the transaction set. | M AN 4/9          |