

852 Product Activity Data

Introduction



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

The purpose of the Product Activity Data Transaction Set (852) within the retail industry is to report inventory counts and changes to that inventory at predetermined intervals. The most common change to inventory is sales by the retailer to the customer. However, other changes to inventory such as inter-store transfers, return of sold merchandise to inventory, returns to the supplier from inventory, and shrinkage, can also be communicated.

This data is primarily used to support a supplier managed stock replenishment program (stock modeling) or to provide input to a sales analysis and forecasting systems. This single transaction set functionally replaces the Inventory Advice Transaction Set (846) and the Product Transfer and Resale Report Transaction Set (867) for the reporting of inventory and sales.

In addition to inventory counts and units sold, other data may be sent that is pertinent to the analysis being performed by the receiver. Total dollar volume for sales may be reported in the same manner as quantities by using a unit of measure for dollars. Prices associated with the SKU are specified in the CTP segment(s). These prices include retail price, promotional price, cost price, etc. If an item is sold at different prices during the reporting period, the activity may be grouped by selling price and the quantities at each price can be specified for multiple locations by utilizing the SDQ segments.

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 _x | 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 is open to satisfy VICS notes and/or comments, but is not used in Canadian applications |

852 Product Activity Data

Functional Group ID=**PD**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Activity Data Transaction Set (852) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a distributor, warehouse, or retailer to advise a trading partner of inventory, sales, and other product activity information. Product activity data enables a trading partner to plan and ship, or propose inventory replenishment quantities, for distribution centers, warehouses or retail outlets. The receiver of the transaction set will maintain some type of inventory/product movement records for its trading partners to enable replenishment calculations based on data provided by the distributor, warehouse or retailer.

Notes:

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 | XQ | Reporting Date/Action | M | 1 | | |
| | 030 | XPO | Preassigned Purchase Order Numbers | O | >1 | | |
| | 040 | N9 | Reference Identification | O | >1 | | |
| Not Used | 050 | PER | Administrative Communications Contact | O | 3 | | |
| LOOP ID - N1 | | | | | | 200 | |
| | 060 | N1 | Name | O | 1 | | n1 |
| | 070 | N2 | Additional Name Information | O | 1 | | |
| | 080 | N3 | Address Information | O | 2 | | |
| | 090 | N4 | Geographic Location | O | 1 | | |
| Not Used | 100 | FOB | F.O.B. Related Instructions | O | 1 | | |
| Not Used | 110 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 1 | | |
| Not Used | 120 | DTM | Date/Time Reference | O | >1 | | |
| Not Used | 130 | N9 | Reference Identification | O | >1 | | |
| Not Used | 140 | PER | Administrative Communications Contact | O | 3 | | |

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> |
|---------------|-----------------|----------------|----------------------------|------------------|----------------|--------------------|---------------------------|
| LOOP ID - LIN | | | | | | 999999 | |
| | 010 | LIN | Item Identification | O | 1 | | |
| Not Used | 020 | CTP | Pricing Information | O | 25 | | |
| | 030 | PO4 | Item Physical Details | O | 1 | | |
| Not Used | 040 | N9 | Reference Identification | O | >1 | | |
| Not Used | 050 | AMT | Monetary Amount | O | 10 | | |
| Not Used | 060 | PAL | Pallet Information | O | 1 | | |
| Not Used | 070 | QTY | Quantity | O | 1 | | |
| LOOP ID - ZA | | | | | | >1 | |
| Must Use | 080 | ZA | Product Activity Reporting | M | 1 | | n2 |

| | | | | | | |
|---------------|-----|-----|--------------------------|---|----|----|
| Not Used | 090 | QTY | Quantity | O | 1 | n3 |
| Not Used | 100 | CTP | Pricing Information | O | 25 | |
| | 110 | SDQ | Destination Quantity | O | >1 | |
| LOOP ID - G95 | | | | | | 1 |
| | 120 | G95 | Performance Requirements | O | 1 | |
| | 130 | DTM | Date/Time Reference | O | 2 | |

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> |
|----------|-----------------|----------------|-------------------------|------------------|----------------|--------------------|---------------------------|
| | 010 | CTT | Transaction Totals | O | 1 | | n4 |
| Must Use | 020 | SE | Transaction Set Trailer | M | 1 | | |

Transaction Set Notes

1. The reporting location is required. The reporting location is specified explicitly in the N1 segment using the code RL in N101, or implicitly using the SDQ segment (Table 2) with the location data elements. They are mutually exclusive (the SDQ and the N1 with N101 containing RL).
2. The quantity for the item identified in the LIN segment is required. Quantity is specified either in the ZA segment (ZA02) or in the SDQ segment.
3. The QTY segment in the ZA loop is only used to provide the number of orders associated with the quantity in the ZA segment, or the total of quantities in the SDQ segments for the activity. The only allowable code value is OC = Order Count.
4. The number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction set.
5. When sending item and activity data in the LIN loop, the CTT segment is required.

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

| Ref. | Data | Name | Attributes |
|-------------|----------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| >> | ST01 | 143 | Transaction Set Identifier Code Code uniquely identifying a Transaction Set 852 Product Activity Data M ID 3/3 |
| >> | ST02 | 329 | Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set 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. M AN 4/9 |

Segment: **XQ** Reporting Date/Action
Position: 020
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To specify reporting date and action to be taken
Syntax Notes:
Semantic Notes: 1 XQ02 is the reporting date. If reporting a date range, then XQ02 is the start date and XQ03 is the end date.
Comments:

Data Element Summary

| | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|----|------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| >> | XQ01 | 305 | Transaction Handling Code Code designating the action to be taken by all parties Use of code F or G requires the supplier to advise the distributor/warehouse of replenishment quantity usually via Transaction Set 855 or Transaction Set 856. | M ID 1/2 |
| | | | F Plan and Submit Suggested Purchase Order(s) | |
| | | | G Plan Order(s) and Ship Product | |
| | | | H Notification Only | |
| >> | XQ02 | 373 | Date Date expressed as CCYYMMDD | M DT 8/8 |
| | XQ03 | 373 | Date Date expressed as CCYYMMDD | O DT 8/8 |

Segment: **XPO** Preassigned Purchase Order Numbers
Position: 030
Loop:
Level: Heading:
Usage: Optional
Max Use: >1
Purpose: To transmit preassigned purchase order numbers
Syntax Notes: 1 If either XPO03 or XPO04 is present, then the other is required.
Semantic Notes: 1 XPO01 is the preassigned purchase order number. If a range of purchase order numbers is to be transmitted, use XPO01 for the first number and XPO02 as the ending number.
Comments: 1 XPO03 and XPO04 specify the location to which the purchase order numbers apply.
Notes: This segment is used only when purchase order number assignment has not previously been established by trading partners.

Data Element Summary

| Ref. | Data | | | |
|-------------|----------------|-------------|----------------------------------------------------------------------------------------|------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> | |
| >> | XPO01 | 324 | Purchase Order Number | M AN 1/22 |
| | | | Identifying number for Purchase Order assigned by the orderer/purchaser | |
| | XPO02 | 324 | Purchase Order Number | O AN 1/22 |
| | | | Identifying number for Purchase Order assigned by the orderer/purchaser | |
| X | XPO03 | 66 | Identification Code Qualifier | C ID 1/2 |
| | | | Code designating the system/method of code structure used for Identification Code (67) | |
| X | XPO04 | 67 | Identification Code | C AN 2/80 |
| | | | Code identifying a party or other code | |

Segment: **N9** Reference Identification
Position: 040
Loop:
Level: Heading:
Usage: Optional
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.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other 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 | Reference Identification Qualifier Code qualifying the Reference Identification DP Department Number IA Internal Vendor Number Identification number assigned to the vendor, by the retailer, for use within the retailer's system. | M ID 2/3 |
| >> | N902 | 127 | Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | C AN 1/30 |
| X | N903 | 369 | Free-form Description Free-form descriptive text | C AN 1/45 |
| X | N904 | 373 | Date Date expressed as CCYYMMDD | O DT 8/8 |
| X | N905 | 337 | Time 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 | Time Code 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 | Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier | O |

Segment: **N1** Name
Position: 060
Loop: N1 Optional
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

Notes: This segment is used to identify the retailer's location as it pertains to product activity data and must contain the identity of each organizational entity or a physical location. This is accomplished in one of two ways.

 BASIC There will be at least one occurrence of this segment that specifies the retailers buying/reporting location. If XQ01 contains code G, it is assumed that, for a particular buying location, the vendor has the bill to and ship to in the system.

 SPREADSHEET The SDQ segment specifies the retailer's buying/reporting locations. Therefore, codes BY and RL are not used in the N1 segment for the spreadsheet product activity.

 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.

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|-------------------------------------------------------------------------------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| >> | N101 | 98 Entity Identifier Code | M ID 2/3 |
| | | Code identifying an organizational entity, a physical location, property or an individual | |
| | | BS Bill and Ship To | |
| | | BT Bill-to-Party | |
| | | BY Buying Party (Purchaser) | |
| | | FR Message From | |
| | | RL Reporting Location | |
| | | ST Ship To | |
| | | TO Message To | |
| | N102 | 93 Name | C AN 1/60 |
| | | Free-form name | |
| >> | N103 | 66 Identification Code Qualifier | C ID 1/2 |
| | | 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 | |
| | | R _x 21 Health Industry Number | |

Canadian ECRx: 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



NOT USED BY CANADIAN INDUSTRY

94 Code assigned by the organization that is the ultimate destination of the transaction set



NOT USED BY CANADIAN INDUSTRY

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 systems.

>> **N104** **67** **Identification Code** **C AN 2/80**

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.

X **N105** **706** **Entity Relationship Code** **O ID 2/2**

Code describing entity relationship

N106 **98** **Entity Identifier Code** **O ID 2/3**

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



NOT USED BY CANADIAN INDUSTRY

Segment: **N2** Additional Name Information
Position: 070
Loop: N1 Optional
Level: Heading:
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: This segment is normally not used in this transaction set.

Data Element Summary

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

Segment: **N3** Address Information
Position: 080
Loop: N1 Optional
Level: Heading:
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

This segment is normally not used in this transaction set.

Data Element Summary

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

Segment: **N4** Geographic Location
Position: 090
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.
Notes: This segment is normally not used in this transaction set.

Data Element Summary

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

| | |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Segment: | LIN Item Identification |
| Position: | 010 |
| Loop: | LIN Optional |
| Level: | Detail: |
| Usage: | Mandatory |
| Max Use: | 1 |
| Purpose: | To specify basic item identification data |
| Syntax Notes: | <ol style="list-style-type: none"> 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required. |
| Semantic Notes: | 1 LIN01 is the line item identification |
| Comments: | <ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of IDs. 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU. |
| Notes: | <p>The codes listed for LIN02 apply to every occurrence of Data Element 235 in the LIN segment.</p> <p>See Section III for complete U.P.C. and EAN code definitions.</p> |

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Attributes</u> |
|-------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Des.</u> | <u>Element</u> <u>Name</u> | <u>AN</u> <u>ID</u> |
| X | LIN01 350 Assigned Identification | O AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set |
| >> | LIN02 235 Product/Service ID Qualifier | M ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
| | | Canadian ECR: After database reengineering, Canadian ECR strongly recommends that trading partners adopt "UK" for product identification. |
| | R _x EN | European Article Number (EAN) (2-5-5-1) |
| | LT | Lot Number |
| | | Canadian ECRx: 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. |
| | 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) |
| | | See External Code Source 41 in Section III for reference document. |













| | | | | | |
|----|-------|-----|---------------------------------------------------------------------------------------------------------------------------------------|---|---------|
| >> | LIN03 | 234 | Product/Service ID Identifying number for a product or service | M | AN 1/48 |
| | LIN04 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| | LIN05 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| | LIN06 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| | LIN07 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| | LIN08 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| | LIN09 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| | LIN10 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| | LIN11 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| | LIN12 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| | LIN13 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| | LIN14 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| | LIN15 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| | LIN16 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| | LIN17 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| X | LIN18 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| X | LIN19 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| X | LIN20 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| X | LIN21 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| X | LIN22 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| X | LIN23 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| X | LIN24 | 235 | Product/Service ID Qualifier | C | ID 2/2 |

| | | | | | |
|---|-------|-----|---------------------------------------------------------------------------------------------------------------------------------------|---|---------|
| | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| X | LIN25 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| X | LIN26 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| X | LIN27 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| X | LIN28 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| X | LIN29 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |
| X | LIN30 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | C | ID 2/2 |
| X | LIN31 | 234 | Product/Service ID Identifying number for a product or service | C | AN 1/48 |

| | |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Segment: | PO4 Item Physical Details |
| Position: | 030 |
| Loop: | LIN Optional |
| Level: | Detail: |
| Usage: | Optional |
| Max Use: | 1 |
| Purpose: | To specify the physical qualities, packaging, weights, and dimensions relating to the item |
| Syntax Notes: | <ol style="list-style-type: none"> 1 If either PO402 or PO403 is present, then the other is required. 2 If PO405 is present, then PO406 is required. 3 If either PO406 or PO407 is present, then the other is required. 4 If either PO408 or PO409 is present, then the other is required. 5 If PO410 is present, then PO413 is required. 6 If PO411 is present, then PO413 is required. 7 If PO412 is present, then PO413 is required. 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required. 9 If PO417 is present, then PO416 is required. 10 If PO418 is present, then PO404 is required. |
| Semantic Notes: | <ol style="list-style-type: none"> 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. 2 PO416 is the package identifier or the beginning package identifier in a range of identifiers. 3 PO417 is the ending package identifier in a range of identifiers. 4 PO418 is the number of packages in this layer. |
| Comments: | <ol style="list-style-type: none"> 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". 2 PO413 defines the unit of measure for PO410, PO411, and PO412. |
| Notes: | <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>Attributes</u> |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| <u>Des.</u> | <u>Element</u> <u>Name</u> | <u>O</u> <u>N</u> <u>1/6</u> |
| | PO401 356 Pack | |
| | The number of inner containers, or number of eaches if there are no inner containers, per outer container | |
| X | PO402 357 Size | C R 1/8 |
| | Size of supplier units in pack | |
| X | 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 | |
| X | PO404 103 Packaging Code | C AN 3/5 |
| | 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 | |
| X | PO405 187 Weight Qualifier | O ID 1/2 |
| | Code defining the type of weight | |
| | PO406 384 Gross Weight per Pack | C R 1/9 |

| | | | | | | |
|----------|--------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------|----------------|
| | | | | Numeric value of gross weight per pack | | |
| | | |    R_x | NOT USED BY CANADIAN INDUSTRY | | |
| | PO407 | 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 | | |
| | | |    R_x | NOT USED BY CANADIAN INDUSTRY | | |
| | PO408 | 385 | | Gross Volume per Pack | C | R 1/9 |
| | | | | Numeric value of gross volume per pack | | |
| | | |    R_x | NOT USED BY CANADIAN INDUSTRY | | |
| | PO409 | 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 | | |
| | | |    R_x | NOT USED BY CANADIAN INDUSTRY | | |
| X | PO410 | 82 | | Length | C | R 1/8 |
| | | | | Largest horizontal dimension of an object measured when the object is in the upright position | | |
| X | PO411 | 189 | | Width | C | R 1/8 |
| | | | | Shorter measurement of the two horizontal dimensions measured with the object in the upright position | | |
| X | PO412 | 65 | | Height | C | R 1/8 |
| | | | | Vertical dimension of an object measured when the object is in the upright position | | |
| X | PO413 | 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 | | |
| | PO414 | 810 | | Inner Pack | O | N0 1/6 |
| | | | | The number of eaches per inner container | | |
| X | PO415 | 752 | | Surface/Layer/Position Code | O | ID 2/2 |
| | | | | Code indicating the product surface, layer or position that is being described | | |
| X | PO416 | 350 | | Assigned Identification | C | AN 1/20 |
| | | | | Alphanumeric characters assigned for differentiation within a transaction set | | |
| X | PO417 | 350 | | Assigned Identification | O | AN 1/20 |
| | | | | Alphanumeric characters assigned for differentiation within a transaction set | | |
| X | PO418 | 1470 | | Number | O | N0 1/9 |
| | | | | A generic number | | |

Segment: **ZA** Product Activity Reporting
Position: 080
Loop: ZA Mandatory
Level: Detail:
Usage: Mandatory
Max Use: 1
Purpose: To provide activity details concerning product being reported
Syntax Notes:

- 1 If either ZA02 or ZA03 is present, then the other is required.
- 2 If either ZA04 or ZA05 is present, then the other is required.
- 3 If either ZA06 or ZA07 is present, then the other is required.

Semantic Notes:

- 1 ZA08 determines if the product activity code in ZA01 refers to a product that is categorized as In-bond merchandise. A "Y" indicates that the activity code applies to a product that is In-bond; an "N" indicates that the activity code does not refer to a product that is In-bond.

Comments:

Notes: If ZA02 and ZA03 are used to specify the quantity of the item identified in the LIN segment, the SDQ segment is not used.

All quantity values (ZA03 or quantity values in the SDQ segment) are expressed as a positive number for all activities except for adjustments (code QA and QT in ZA01). An adjustment is any activity, other than a retail sale or warehouse withdrawal, that changes the inventory position for the item. Inter-store transfers are reported as a positive adjustment for the transfer-to store and a negative adjustment for the transfer-from store. An adjustment to inventory can also be made as a result of a physical inventory, for example, shrinkage is reported as a negative adjustment, understated inventory is reported as a positive adjustment.

To express activity in dollars, use the unit of measure DO (Dollars, U.S.) in ZA03 or SDQ01. Multiple ZA segments may be used with the same activity code to specify units and dollars, and, to report activity at different prices. Sales types, promotion/event sales, clearance/markdown sales and non-promotion/non-clearance sales are used in conjunction with a CTP segment to specify the price and/or sales type.

For example, if three stores sold an item for one price and five other stores sold the same item for a different price, two ZA loops may be used to report the sale quantity at the appropriate price. The first ZA loop would contain the price in the CTP segment and one SDQ segment with the three stores/quantities. The second loop would specify the other price and one SDQ segment for the remaining five stores/quantities.

Data Element Summary

| Ref. | Data | Attributes | |
|-------------|----------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>ID</u> |
| >> | ZA01 | 859 | M ID 2/2 |
| | | Activity Code | |
| | | Code identifying activity details for the product being reported | |
| | | DG | Quantity Damaged |
| | | HL | Quantity on Hold |
| | | QA | Current Inventory Quantity Available for Shipment or Sale |
| | | | On-hand inventory at store/distribution center/warehouse available for shipment or sale |
| | | QC | Quantity Committed |
| | | | Quantity reserved for consumer delivery/pickup and not yet withdrawn from inventory. Memo quantity to aid in calculating replenishment needs. |
| | | QD | Additional Demand Quantity |
| | | | Incremental needs over and above normal replenishment calculation |
| | | QL | Minimum Inventory Quantity |

| | | | | | |
|-------------|------------|-------------------------------------------|--|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | To define minimum inventory quantity for replenishment calculations of the total model, i.e., the order point trigger |
| | | QM | | | Maximum Inventory Quantity |
| | | | | | To define maximum inventory quantity for replenishment calculations of the total model, i.e., the order up to level quantity |
| | | QN | | | Planned Inventory Quantity |
| | | | | | Planned inventory level for VMI (Vendor Managed Inventory) replenishment calculations, i.e., the desired level on-hand at the store/distribution center/warehouse. If the quantity is zero, it indicates product replenishment is to be discontinued. Subsequent use of code QN with a quantity greater than zero would re-establish the product. |
| | | QO | | | Quantity Out of Stock |
| | | | | | Quantity not available at store/distribution center/warehouse resulting in lost sales, rainchecks or demand for merchandise that could not be satisfied, i.e., sale was not consummated and indicates potential adjustment of VMI (Vendor Managed Inventory) model areas |
| | | QP | | | Quantity On Order, Not Yet Received |
| | | | | | Total merchandise quantity ordered and not yet received by the retailer |
| | | QR | | | Quantity Received |
| | | | | | Receipts at store, distribution center or warehouse |
| | | QS | | | Quantity Sold |
| | | | | | Sales at retail (gross quantity, no returns netted out) |
| | | QT | | | Adjustment to Inventory Quantity |
| | | | | | Adjustment to inventory quantity as a result of a physical inventory discrepancy or internal movement of goods from one location to another |
| | | QU | | | Quantity Returned By Consumer |
| | | QW | | | Quantity Withdrawn from Warehouse Inventory |
| | | | | | Internal store withdrawal from distribution center or warehouse inventory |
| | | QX | | | Quantity Requested (Will Override Replenishment Planning) |
| | | | | | Quantity to override the normal replenishment planning, but not intended to permanently change the model levels |
| ZA02 | 380 | Quantity | | C | R 1/15 |
| | | | | | Numeric value of quantity |
| ZA03 | 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 |
| | | CA | | | Case |
| | | EA | | | Each |
| | | PL | | | Pallet/Unit Load |
| ZA04 | 374 | Date/Time Qualifier | | C | ID 3/3 |
| | | | | | Code specifying type of date or time, or both date and time |
| | | 002 | | | Delivery Requested |
| | | | | | This code is only used when ZA01 contains code QD or code QX. If promotion start and end dates associated with the additional demand quantity are needed, the |

| | | | | | | |
|----------|-------------|-------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------|----------------|
| | | | | G95 loop may be used. | | |
| | | 007 | | Effective | | |
| | | | | Inventory taken, on order as of, etc. | | |
| | | 090 | | Report Start | | |
| | | 091 | | Report End | | |
| | ZA05 | 373 | Date | | C | DT 8/8 |
| | | | Date expressed as CCYYMMDD | | | |
| | ZA06 | 128 | Reference Identification Qualifier | | C | ID 2/3 |
| | | | Code qualifying the Reference Identification | | | |
| | | | PD Promotion/Deal Number | | | |
| | ZA07 | 127 | Reference Identification | | C | AN 1/30 |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | |
| X | ZA08 | 1073 | Yes/No Condition or Response Code | | O | ID 1/1 |
| | | | Code indicating a Yes or No condition or response | | | |

| | |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Segment: | SDQ Destination Quantity |
| Position: | 110 |
| Loop: | ZA Mandatory |
| Level: | Detail: |
| Usage: | Optional |
| Max Use: | >1 |
| Purpose: | To specify destination and quantity detail |
| Syntax Notes: | <ol style="list-style-type: none"> 1 If either SDQ05 or SDQ06 is present, then the other is required. 2 If either SDQ07 or SDQ08 is present, then the other is required. 3 If either SDQ09 or SDQ10 is present, then the other is required. 4 If either SDQ11 or SDQ12 is present, then the other is required. 5 If either SDQ13 or SDQ14 is present, then the other is required. 6 If either SDQ15 or SDQ16 is present, then the other is required. 7 If either SDQ17 or SDQ18 is present, then the other is required. 8 If either SDQ19 or SDQ20 is present, then the other is required. 9 If either SDQ21 or SDQ22 is present, then the other is required. |
| Semantic Notes: | 1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21. |
| Comments: | <ol style="list-style-type: none"> 1 SDQ02 is used only if different than previously defined in the transaction set. 2 SDQ03 is the store number. 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. |
| Notes: | <p>This segment is used to distribute item quantity to various locations.</p> <p>If this segment is used to specify the quantity of the item identified in the LIN segment, ZA02 and ZA03 are not used.</p> |

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| >> | SDQ01 | 355 Unit or Basis for Measurement Code | M 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 | |
| >> | SDQ02 | 66 Identification Code Qualifier | O ID 1/2 |
| | | 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 | |
| | | R_x 21 Health Industry Number | |
| | | Canadian ECR _x : 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 systems. | |
| >> | SDQ03 | 67 Identification Code | M AN 2/80 |
| | | Code identifying a party or other code | |

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

Segment: **G95** Performance Requirements

Position: 120

Loop: G95 Optional

Level: Detail:

Usage: Mandatory

Max Use: 1

Purpose: To specify the "AND" or "OR" condition for the option, or provide information related to the promotion performance conditions and allocations required, or both

Syntax Notes: 1 If either G9504 or G9505 is present, then the other is required.

Semantic Notes: 1 If G9502 equals "99", then G9506 is required.

2 G9507 contains the number of days included in the promotion period.

Comments:

Notes: This loop is used only to identify a promotion and its start and end dates. This loop is used only when ZA01 contains code QD or code QX.

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|-------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| X | G9501 | 293 | Promotion Condition Qualifier Code to inform retailer/wholesaler of the promotion | O ID 2/2 |
| >> | G9502 | 422 | Promotion Condition Code Code describing a performance or advertising condition | M ID 2/2 |
| | | 01 | Product Allocation | |
| | | 02 | Number of Buy Restriction | |
| | | 10 | Ad, Size Not Specified Vendor offer requires a newspaper ad with no size specification | |
| | | 11 | Ad, 1 Col Inch | |
| | | 12 | Ad, 2 Col Inch | |
| | | 13 | Ad, 3 Col Inch | |
| | | 14 | Ad, 4 Col Inch | |
| | | 15 | Ad, 5 Col Inch | |
| | | 16 | Ad, 6 Col Inch or Greater | |
| | | 17 | Ad, Full Page | |
| | | 18 | Ad, Half Page | |
| | | 19 | Ad, Quarter Page | |
| | | 20 | Ad, Coupon Vendor requires buyer to run a coupon ad that has a monetary value discounting the product(s) that is/are applicable | |
| | | 21 | Ad, Color Vendor requires buyer to run a color ad for the product(s) offered. This condition code may be used in conjunction with other ad condition codes. | |
| | | 22 | Ad, Product Illustration Vendor requires buyer to picture illustrate the product(s) offered. This condition code may be used in conjunction with other ad condition codes. | |
| | | 23 | Ad, National Line Rate Vendor requires buyer to advertise product(s) offered in media normally used. Payment is made for space (per inch or line) without restrictions for space used or frequency of insertion. | |
| | | 25 | Ad, Roto | |
| | | 26 | Ad, Free Standing | |

| | |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 28 | Vendor requires buyer to run a free standing ad illustrating product(s) offered. This ad is separate and apart from normal weekly media used. Ad, Window Signs |
| 32 | Vendor requires buyer to post a store window sign advertising the product(s) offered. Ad, Price Reduction |
| 33 | Vendor requires ad at a reduced price. This condition code may be used in conjunction with other ad condition codes. Ad, Circulars |
| 34 | Vendor requires buyer to advertise product(s) offered in a circular publication. Circulation intended for buyer's customers. Ad, Television |
| 35 | Ad, Radio |
| 36 | Ad, Handbill |
| 37 | Vendor requires buyer to advertise product(s) offered in a loose publication format to be distributed by hand. Ad, Newspaper Insert |
| 39 | Ad, See Free Form Message |
| 40 | Used in conjunction with condition codes to point to free form messages. Free form message will describe data such as amount to be reduced, number of stores, cases, days and other short text relating to a particular condition code. Display |
| 41 | Vendor requires an in-store display of product(s) offered. Display, End Aisle |
| 42 | Vendor requires a display separate and apart from the store shelf. Display, Aisle Stack |
| 44 | Vendor requires a display separate and apart from the store shelf. Display, Cases per Store |
| 45 | Vendor requires a display with a specified number of cases per store. Display, Number of Days |
| 46 | Vendor requires a display with a specified number of days. Display, Shelf Extender |
| 49 | Display, Number of Stores |
| 51 | Vendor requires a display with a specified number of stores. Display, Price Reduction |
| 59 | Vendor requires a display with a specified price reduction. Display, See Free Form Message |
| 60 | Used in conjunction with condition codes to point to free form messages. Free form message will describe data such as amount to be reduced, number of stores, cases, days and other short text relating to a particular condition code. Reduced Price |
| | Vendor requires a price reduction for product(s) offered with no amount, restriction or condition. |

| | | |
|----|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 61 | Reduced Price, Number of Days | Vendor requires a price reduction for a specific number of days. |
| 62 | Reduced Price With Shelf Sign | Vendor requires a price reduction for product(s) offered. Buyer must list price reduction in the retail stores' price an order guide. |
| 63 | Reduced Price, In Price/Order Guide | Vendor requires a price reduction for product(s) offered. Buyer must indicate price reduction with a point-of-sale shelf sign. |
| 64 | Reduced Price, In Store Coupons | Vendor requires buyer to offer in-store coupons on the product(s) offered. Coupons are redeemable from the point-of-sale at each buyer's retail outlet. |
| 69 | Reduced Price, See Free Form Message | Used in conjunction with condition codes to point to free form messages. Free form message will describe data such as amount to be reduced, number of stores, cases, days and other short text relating to a particular condition code. |
| 70 | Retail Distribution (One Case per Store) | |
| 71 | Retail Distribution (X Cases per Store) | |
| 72 | Retail Distribution (X Number of Stores) | |
| 79 | Retail Distribution | Used in conjunction with condition codes to point to free form messages. Free form message will describe data such as amount to be reduced, number of stores, cases, days and other short text relating to a particular condition code. |
| 81 | Accrual Limit | A dollar amount customarily paid on a per case basis on product purchases in a prior period as defined by the manufacturer or broker |
| 82 | Flat Limit | A fixed or flat allowance amount paid for rendering performance as specified by the option code |
| 83 | Number of Required Promotion Performances | Number of times a promotion must be performed to qualify for the allowance amount |
| 88 | Advertisement or Display or Reduced Price | A promotion condition which requires an Advertisement or an in-store display, or a reduction in the shelf price of an item in order to qualify for the allowance amount |
| | | A promotion condition which requires an advertisement, an in-store display, or a reduction in the shelf price of an item in order to qualify for the allowance amount. |
| 99 | See Free Form Text | |

| | | | | | |
|----------|--------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------|
| X | G9503 | 554 | Assigned Number Number assigned for differentiation within a transaction set | O | N0 1/6 |
| X | G9504 | 380 | Quantity Numeric value of quantity | C | R 1/15 |
| X | G9505 | 355 | Unit or Basis for Measurement Code 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 | G9506 | 352 | Description A free-form description to clarify the related data elements and their content | O AN 1/80 |
| X | G9507 | 1470 | Number A generic number | O N0 1/9 |

Segment: **DTM** Date/Time Reference
Position: 130
Loop: G95 Optional
Level: Detail:
Usage: Optional
Max Use: 2
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:

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|----|-------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| >> | DTM01 | 374 | Date/Time Qualifier Code specifying type of date or time, or both date and time 015 Promotion Start 016 Promotion End | M ID 3/3 |
| >> | DTM02 | 373 | Date Date expressed as CCYYMMDD | C DT 8/8 |
| X | DTM03 | 337 | Time 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 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 Code indicating the date format, time format, or date and time format | C ID 2/3 |
| X | DTM06 | 1251 | Date Time Period Expression of a date, a time, or range of dates, times or dates and times | C AN 1/35 |

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary:
Usage: Optional
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

| | <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|----|----------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| >> | CTT01 | 354 | Number of Line Items Total number of line items in the transaction set The number of LIN segments present in the transaction set | M N0 1/6 |
| X | CTT02 | 347 | Hash Total 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 |
| X | CTT03 | 81 | Weight Numeric value of weight | C R 1/10 |
| X | CTT04 | 355 | Unit or Basis for Measurement Code 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 | CTT05 | 183 | Volume Value of volumetric measure | C R 1/8 |
| X | CTT06 | 355 | Unit or Basis for Measurement Code 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 | CTT07 | 352 | Description A free-form description to clarify the related data elements and their content | O AN 1/80 |

Segment: **SE** Transaction Set Trailer
Position: 020
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 | Number of Included Segments Total number of segments included in a transaction set including ST and SE segments | M N0 1/10 |
| >> | SE02 | 329 | Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set This must be the same number as is in the ST segment (ST02) for the transaction set. | M AN 4/9 |