

# 810 Invoice

## Introduction

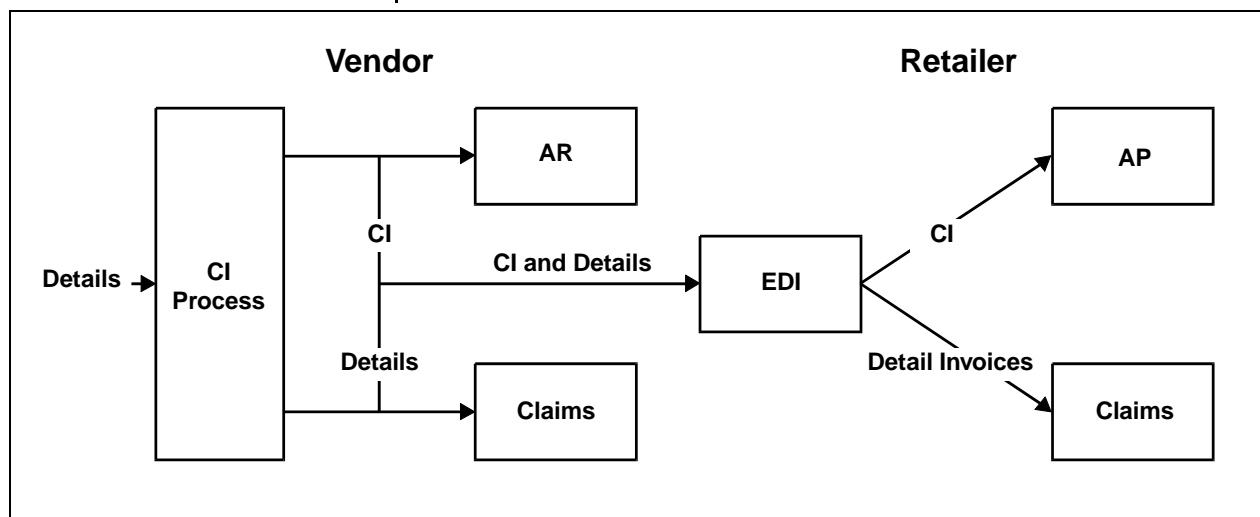
The purpose of this section is to present and explain the application of the ASC X12 standards as they pertain to the retail industry implementation of the Invoice Transaction Set.

Within the retail industry, two distinct methods for ordering and invoicing goods have been identified. The first, which we have named basic, is the most common. It is the billing of goods separately for each location, i.e., one store per invoice number assigned. The second type, which we have called spreadsheet, is utilized to bill for the same item for multiple locations, i.e., a specific quantity of one item is distributed over a variety of locations, but ordered under a single retailer purchase order number and billed using one vendor's invoice. The actual quantity to each location need not be the same.

The spreadsheet type invoice usually implies predistribution by the vendor that is packaged for the store and either sent directly to the store or to a central location (distribution center). In addition, the spreadsheet invoice allows a one-to-one correlation between the original spreadsheet purchase order and the invoice. It should be noted that all suppliers may not have the capability of sending spreadsheet invoices.

## Consolidated Invoicing

The term summary or Consolidated Invoice (CI) means different things to different individuals. Most of the disagreement on exactly how to define CI was centered around the method of consolidation rather than EDI representation of the result of the consolidation. The method or criteria for consolidation is a trading partner agreement which depends on the systems employed by both parties and their business relationship. This section addresses two commonly used methods of representing the results of consolidation within the confines of EDI. The two common methods for representing CI are the batch method and the stand alone method.



The purpose of the batch method is to send the consolidated invoice and the detail invoices that the consolidated invoice includes as one contiguous unit, i.e., a batch. It may sound contradictory to consolidate many invoices into one and then send all of them, however, the uses for each are different. Typically, the consolidated invoice is posted to the vendor's Accounts Receivable (AR) system and the detail invoices are sent to the claims system for historical reference. On the retailer's side, the CI is posted to the Accounts Payable (AP) system and the details are used for claims resolution. Both AR and AP systems benefit by having greatly reduced the number of actual open items to process. The discrepancies are adjudicated by the respective claims areas.

In the EDI transmission, each detail invoice will contain the CI number that positively ties it to the CI, i.e., the batch. The batch or CI number in the detail invoice also allows the receiver to arrange the data in the order conducive to their system while preserving batch integrity. The batch, one CI and its corresponding details, is contained in one functional group to aid in tracking through the application and EDI transport systems.

As a variation of the batch method described above, multiple application invoice batches, i.e., the CI and the details, may be sent in one EDI functional group. As with the batch, it does not matter if the CI physically appears before or after the details the CI represents. This variation may require an extra level of sophistication by the receiver and sender to preserve batch integrity.

#### **Stand Alone CI**

In many business applications, the CI is used to simply reduce the volume of data and the supporting detail invoices are not needed. In some cases, the detail invoices were never created. Typically, other data such as the EDI Ship Notice is used in claim resolution rather than the detail invoices employed in the batch CI method. The EDI transmission may contain several CIs in one functional group.

#### **First Cost Invoice**

The First Cost Invoice describes the type of billed amounts when a retailer (importer) places a first cost order with an agent. The general rule is that a commission is paid by the retailer to the agent for services rendered in connection with the purchase of merchandise, inspection and packing the goods, arranging shipment, and preparing documentation. The retailer pays the factory for the merchandise, the transportation cost and the duty (usually with a letter of credit). The retailer pays the agent a percent commission based on the monetary value of the order. There are also other charges and allowances added to the invoice based on the monetary value of the order or in some instances the quantity of line items on the order.

ASC X12

# 810 Invoice

FUNCTIONAL GROUP ID = **IN**

This X12 Transaction Set contains the format and establishes the data contents of the Invoice Transaction Set (810) 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 billing for goods and services provided.

**A functional profile that describes the use of this transaction set for Canada follows this implementation guideline.**

## Header

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
303	0100	ST	Transaction Set Header	M	1	
304	0200	BIG	Beginning Segment for Invoice	M	1	
N/U	0300	NTE	Note/Special Instruction	O	100	
306	0400	CUR	Currency	O	1	
309	0500	REF	Reference Information	O	12	
N/U	0550	YNQ	Yes/No Question	O	10	
311	0600	PER	Administrative Communications Contact	O	3	
<b>LOOP ID - N1</b>						<b>200</b>
312	0700	N1	Party Identification	O	1	
314	0800	N2	Additional Name Information	O	2	
315	0900	N3	Party Location	O	2	
316	1000	N4	Geographic Location	O	1	
N/U	1100	REF	Reference Information	O	12	
N/U	1200	PER	Administrative Communications Contact	O	3	
N/U	1250	DMG	Demographic Information	O	1	
317	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
319	1400	DTM	Date/Time Reference	O	10	
321	1500	FOB	F.O.B. Related Instructions	O	1	
323	1600	PID	Product/Item Description	O	200	
N/U	1700	MEA	Measurements	O	40	
N/U	1800	PWK	Paperwork	O	25	
N/U	1900	PKG	Marking, Packaging, Loading	O	25	
N/U	2000	L7	Tariff Reference	O	1	
N/U	2120	BAL	Balance Detail	O	>1	
N/U	2130	INC	Installment Information	O	1	
N/U	2140	PAM	Period Amount	O	>1	

**RETAIL INDUSTRY CONVENTIONS AND  
IMPLEMENTATION GUIDELINES FOR EDI**

N/U	2145	CRC	Conditions Indicator	O	1
<b>LOOP ID - LM</b>					<b>10</b>
N/U	2200	LM	Code Source Information	O	1
N/U	2300	LQ	Industry Code Identification	M	100
<b>LOOP ID - N9</b>					<b>1</b>
N/U	2400	N9	Extended Reference Information	O	1
N/U	2500	MSG	Message Text	M	10
<b>LOOP ID - V1</b>					<b>&gt;1</b>
N/U	2600	V1	Vessel Identification	O	1
N/U	2700	R4	Port or Terminal	O	>1
N/U	2800	DTM	Date/Time Reference	O	>1
<b>LOOP ID - FA1</b>					<b>&gt;1</b>
N/U	2900	FA1	Type of Financial Accounting Data	O	1
N/U	3000	FA2	Accounting Data	M	>1

**Detail**

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
<b>LOOP ID - IT1</b>						<b>200000</b>
325	0100	IT1	Baseline Item Data (Invoice)	O	1	
N/U	0120	CRC	Conditions Indicator	O	1	
N/U	0150	QTY	Quantity Information	O	5	
N/U	0200	CUR	Currency	O	1	
328	0300	IT3	Additional Item Data	O	5	
329	0400	TXI	Tax Information	O	>1	
331	0500	CTP	Pricing Information	O	25	
N/U	0550	PAM	Period Amount	O	10	
334	0590	MEA	Measurements	O	40	
<b>LOOP ID - PID</b>						<b>1000</b>
337	0600	PID	Product/Item Description	O	1	
340	0700	MEA	Measurements	O	10	
N/U	0800	PWK	Paperwork	O	25	
343	0900	PKG	Marking, Packaging, Loading	O	25	
345	1000	PO4	Item Physical Details	O	1	
N/U	1100	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
348	1200	REF	Reference Information	O	>1	
N/U	1250	YNQ	Yes/No Question	O	10	
N/U	1300	PER	Administrative Communications Contact	O	5	
349	1400	SDQ	Destination Quantity	O	500	
N/U	1500	DTM	Date/Time Reference	O	10	
351	1600	CAD	Carrier Detail	O	>1	
N/U	1700	L7	Tariff Reference	O	>1	

**RETAIL INDUSTRY CONVENTIONS AND  
IMPLEMENTATION GUIDELINES FOR EDI**

N/U	1750	SR	Requested Service Schedule	O	1	
<b>LOOP ID - SAC</b>						<b>&gt;1</b>
353	1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
<b>LOOP ID - TXI</b>						<b>&gt;1</b>
356	1900	TXI	Tax Information	O	1	
N/U	1950	DTM	Date/Time Reference	O	1	
<b>LOOP ID - SLN</b>						<b>1000</b>
358	2000	SLN	Subline Item Detail	O	1	
N/U	2050	DTM	Date/Time Reference	O	1	
N/U	2100	REF	Reference Information	O	>1	
N/U	2200	PID	Product/Item Description	O	1000	
N/U	2300	SAC	Service, Promotion, Allowance, or Charge Information	O	>1	
362	2350	TC2	Commodity	O	2	
363	2370	TXI	Tax Information	O	>1	
<b>LOOP ID - N1</b>						<b>200</b>
N/U	2400	N1	Party Identification	O	1	
N/U	2500	N2	Additional Name Information	O	2	
N/U	2600	N3	Party Location	O	2	
N/U	2700	N4	Geographic Location	O	1	
N/U	2800	REF	Reference Information	O	12	
N/U	2900	PER	Administrative Communications Contact	O	3	
N/U	2950	DMG	Demographic Information	O	1	
<b>LOOP ID - LM</b>						<b>10</b>
N/U	3000	LM	Code Source Information	O	1	
N/U	3100	LQ	Industry Code Identification	M	100	
<b>LOOP ID - V1</b>						<b>&gt;1</b>
N/U	3200	V1	Vessel Identification	O	1	
N/U	3300	R4	Port or Terminal	O	>1	
N/U	3400	DTM	Date/Time Reference	O	>1	
<b>LOOP ID - FA1</b>						<b>&gt;1</b>
N/U	3500	FA1	Type of Financial Accounting Data	O	1	
N/U	3600	FA2	Accounting Data	M	>1	

## Summary

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
365	0100	TDS	Total Monetary Value Summary	M	1	
366	0200	TXI	Tax Information	O	>1	
368	0300	CAD	Carrier Detail	O	1	
N/U	0350	AMT	Monetary Amount Information	O	>1	
<b>LOOP ID - SAC</b>						<b>&gt;1</b>
370	0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
N/U	0450	DTM	Date/Time Reference	O	>1	
<b>LOOP ID - TXI</b>						<b>&gt;1</b>
373	0500	TXI	Tax Information	O	1	
N/U	0550	DTM	Date/Time Reference	O	1	
<b>LOOP ID - ISS</b>						<b>&gt;1</b>
375	0600	ISS	Invoice Shipment Summary	O	1	
376	0650	PID	Product/Item Description	O	1	

**RETAIL INDUSTRY CONVENTIONS AND  
IMPLEMENTATION GUIDELINES FOR EDI**

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<b>378</b>	<b>0700</b>	<b>CTT</b>	Transaction Totals	<b>O</b>	<b>1</b>
<b>379</b>	<b>0800</b>	<b>SE</b>	Transaction Set Trailer	<b>M</b>	<b>1</b>

VICS EDI

# 810 Invoice

## Header

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
303	0100	ST	Transaction Set Header	M	1	
304	0200	BIG	Beginning Segment for Invoice	M	1	
306	0400	CUR	Currency	O	1	
309	0500	REF	Reference Information	O	12	
311	0600	PER	Administrative Communications Contact	O	3	
<b>LOOP ID - N1</b>						<b>200</b>
312	0700	N1	Party Identification	O	1	
314	0800	N2	Additional Name Information	O	2	
315	0900	N3	Party Location	O	2	
316	1000	N4	Geographic Location	O	1	
317	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
319	1400	DTM	Date/Time Reference	O	10	
321	1500	FOB	F.O.B. Related Instructions	O	1	
323	1600	PID	Product/Item Description	O	200	

## Detail

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
<b>LOOP ID - IT1</b>						<b>200000</b>
325	0100	IT1	Baseline Item Data (Invoice)	O	1	
328	0300	IT3	Additional Item Data	O	5	
329	0400	TXI	Tax Information	O	>1	
331	0500	CTP	Pricing Information	O	25	
334	0590	MEA	Measurements	O	40	
<b>LOOP ID - PID</b>						<b>1000</b>
337	0600	PID	Product/Item Description	O	1	
340	0700	MEA	Measurements	O	10	
343	0900	PKG	Marking, Packaging, Loading	O	25	
345	1000	PO4	Item Physical Details	O	1	
348	1200	REF	Reference Information	O	>1	
349	1400	SDQ	Destination Quantity	O	500	
351	1600	CAD	Carrier Detail	O	>1	
<b>LOOP ID - SAC</b>						<b>&gt;1</b>
353	1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
<b>LOOP ID - TXI</b>						<b>&gt;1</b>
356	1900	TXI	Tax Information	O	1	
<b>LOOP ID - SLN</b>						<b>1000</b>
358	2000	SLN	Subline Item Detail	O	1	
362	2350	TC2	Commodity	O	2	
363	2370	TXI	Tax Information	O	>1	

## Summary

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
365	0100	TDS	Total Monetary Value Summary	M	1	
366	0200	TXI	Tax Information	O	>1	
368	0300	CAD	Carrier Detail	O	1	
<b>LOOP ID - SAC</b>						>1
370	0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
<b>LOOP ID - TXI</b>						>1
373	0500	TXI	Tax Information	O	1	
<b>LOOP ID - ISS</b>						>1
375	0600	ISS	Invoice Shipment Summary	O	1	
376	0650	PID	Product/Item Description	O	1	
378	0700	CTT	Transaction Totals	O	1	
379	0800	SE	Transaction Set Trailer	M	1	

### Transaction Set Notes:

- 2/0150** The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade-ins or returns.
- 3/0700** Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used CTT02 is the hash total of the quantities invoiced (IT102) for each IT1 segment.



**Segment: ST Transaction Set Header**

**Level:** Header

**Loop:** \_\_\_\_

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the start of a transaction set and to assign a control number

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

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set <b>810 Invoice</b>	<b>M ID 3/3</b>
➤ ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set  <b>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>	<b>M AN 4/9</b>
ST03	1705	<b>Implementation Convention Reference</b> Reference assigned to identify Implementation Convention  <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>O AN 1/35</b>

**Segment:** **BIG** Beginning Segment for Invoice  
**Level:** Header  
**Loop:** \_\_\_\_  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates  
**Semantic:** 1 BIG01 is the invoice issue date.  
 2 BIG03 is the date assigned by the purchaser to purchase order.  
 3 BIG10 is the consolidated invoice number associated with the invoice identified in BIG02. When BIG07 contains code CI (Consolidated Invoice), BIG02 will contain the consolidated invoice number and BIG10 is not used.  
**Comments:** A BIG07 is used only to further define the type of invoice when needed.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	BIG01	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M DT 8/8
➤	BIG02	76 Invoice Number Identifying number assigned by issuer	M AN 1/22
	BIG03	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>Retailer's original purchase order date</b>	O DT 8/8
	BIG04	324 Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser <b>Retailer's original purchase order number</b>	O AN 1/22
	BIG05	328 Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction <b>Retailer's release against the purchase order, if used</b>	O AN 1/30
	BIG06	327 Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set <b>NOT USED BY THE RETAIL INDUSTRY</b>	O AN 1/8
	BIG07	640 Transaction Type Code Code specifying the type of transaction <b>This data element is used only when special identification of the invoice is needed, between trading partners, to support business needs.</b> BB Billback BH Bill and Hold Goods CA Cash CI Consolidated Invoice FI First Cost Invoice ME Memorandum PB Partial Bill	O ID 2/2
	BIG08	353 Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 07 Duplicate CO Corrected	O ID 2/2

<b>BIG09</b>	<b>306</b>	<b>Action Code</b> Code indicating type of action	<b>O</b>	<b>ID</b>	<b>1/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>BIG10</b>	<b>76</b>	<b>Invoice Number</b> Identifying number assigned by issuer	<b>O</b>	<b>AN</b>	<b>1/22</b>
<b>When BIG01 contains code CI, this data element is not used.</b>					
<b>BIG11</b>	<b>1005</b>	<b>Hierarchical Structure Code</b> Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set	<b>O</b>	<b>ID</b>	<b>4/4</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					

**Segment: CUR Currency**

**Level:** Header

**Loop:** \_\_\_\_\_

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction

- Syntax:**
- 1 C0807**  
If CUR08 is present, then CUR07 is required.
  - 2 C0907**  
If CUR09 is present, then CUR07 is required.
  - 3 L101112**  
If CUR10 is present, then at least one of CUR11 or CUR12 is required.
  - 4 C1110**  
If CUR11 is present, then CUR10 is required.
  - 5 C1210**  
If CUR12 is present, then CUR10 is required.
  - 6 L131415**  
If CUR13 is present, then at least one of CUR14 or CUR15 is required.
  - 7 C1413**  
If CUR14 is present, then CUR13 is required.
  - 8 C1513**  
If CUR15 is present, then CUR13 is required.
  - 9 L161718**  
If CUR16 is present, then at least one of CUR17 or CUR18 is required.
  - 10 C1716**  
If CUR17 is present, then CUR16 is required.
  - 11 C1816**  
If CUR18 is present, then CUR16 is required.
  - 12 L192021**  
If CUR19 is present, then at least one of CUR20 or CUR21 is required.
  - 13 C2019**  
If CUR20 is present, then CUR19 is required.
  - 14 C2119**  
If CUR21 is present, then CUR19 is required.

**Notes:** See Section V (CUR Usage) for usage examples.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	<b>CUR01</b>	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual <b>BY</b> Buying Party (Purchaser)	<b>M ID 2/3</b>
➤	<b>CUR02</b>	<b>100 Currency Code</b> Code (Standard ISO) for country in whose currency the charges are specified <b>See External Code Source 5 in Section III for reference document.</b>	<b>M ID 3/3</b>
	<b>CUR03</b>	<b>280 Exchange Rate</b> Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	<b>O R 4/10</b>
	<b>CUR04</b>	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual <b>SE</b> Selling Party	<b>O ID 2/3</b>

**RETAIL INDUSTRY CONVENTIONS AND  
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<b>CUR05</b>	<b>100</b>	<b>Currency Code</b> Code (Standard ISO) for country in whose currency the charges are specified <b>See External Code Source 5 in Section III for reference document.</b>	<b>O ID 3/3</b>
<b>CUR06</b>	<b>669</b>	<b>Currency Market/Exchange Code</b> Code identifying the market upon which the currency exchange rate is based <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>O ID 3/3</b>
<b>CUR07</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time <b>007 Effective</b>	<b>C ID 3/3</b>
<b>CUR08</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	<b>O DT 8/8</b>
<b>CUR09</b>	<b>337</b>	<b>Time</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) <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>O TM 4/8</b>
<b>CUR10</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C ID 3/3</b>
<b>CUR11</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C DT 8/8</b>
<b>CUR12</b>	<b>337</b>	<b>Time</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) <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C TM 4/8</b>
<b>CUR13</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C ID 3/3</b>
<b>CUR14</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C DT 8/8</b>
<b>CUR15</b>	<b>337</b>	<b>Time</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) <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C TM 4/8</b>
<b>CUR16</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C ID 3/3</b>
<b>CUR17</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C DT 8/8</b>

**RETAIL INDUSTRY CONVENTIONS AND  
IMPLEMENTATION GUIDELINES FOR EDI**

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<b>CUR18</b>	<b>337</b>	<b>Time</b>	<b>C 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)			
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>CUR19</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>C ID 3/3</b>
Code specifying type of date or time, or both date and time			
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>CUR20</b>	<b>373</b>	<b>Date</b>	<b>C DT 8/8</b>
Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>CUR21</b>	<b>337</b>	<b>Time</b>	<b>C 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)			
<b>NOT USED BY THE RETAIL INDUSTRY</b>			

**Segment:** **REF** Reference Information  
**Level:** Header  
**Loop:** \_\_\_  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax:** 1 **R0203**  
 At least one of REF02 or REF03 is required.  
**Semantic:** 1 REF04 contains data relating to the value cited in REF02.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M ID 2/3
		<b>ABS</b> Vessel Name	
		<b>AE</b> Authorization for Expense (AFE) Number	
		<b>AY</b> Floor Plan Approval Number	
		<b>BY</b> Repair Category Number	
		<b>BZ</b> Complaint Code	
		<b>CH</b> Customer Catalog Number	
		<b>CO</b> Customer Order Number <b>Customer of retailer</b>	
		<b>CT</b> Contract Number	
		<b>DP</b> Department Number	
		<b>FW</b> State License Identification Number	
		<b>IA</b> Internal Vendor Number <b>Identification number assigned to the vendor, by the retailer, for use within the retailer's system</b>	
		<b>IT</b> Internal Customer Number <b>Identification number assigned to the retailer, by the vendor, for use within the vendor's system</b>	
		<b>IV</b> Seller's Invoice Number	
		<b>MR</b> Merchandise Type Code	
		<b>NB</b> Letter of Credit Number	
		<b>PD</b> Promotion/Deal Number	
		<b>PI</b> Price List Change or Issue Number <b>Used only by the alcohol beverage industry</b>	
		<b>QC</b> Product Specification Document Number <b>Schematic reference number</b>	
		<b>QY</b> Service Performed Code	
		<b>SB</b> Sales Region Number	
		<b>SE</b> Serial Number	
		<b>V3</b> Voyage Number	
		<b>VN</b> Vendor Order Number	
		<b>VP</b> Vendor Product Number	

➤	<b>REF02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>C AN 1/50</b>
	<b>REF03</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>C AN 1/80</b>
			<b>NOT USED BY THE RETAIL INDUSTRY</b>	
	<b>REF04</b>	<b>C040</b>	<b>REFERENCE IDENTIFIER</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	<b>O COMPOSITE</b>
			<b>NOT USED BY THE RETAIL INDUSTRY</b>	



**Segment: PER Administrative Communications Contact**

**Level:** Header

**Loop:** \_\_\_\_\_

**Usage:** Optional

**Max Use:** 3

**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax:**
- 1 P0304**  
If either PER03 or PER04 is present, then the other is required.
  - 2 P0506**  
If either PER05 or PER06 is present, then the other is required.
  - 3 P0708**  
If either PER07 or PER08 is present, then the other is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named <b>CR</b> Customer Relations <b>Customer service representative</b> <b>SR</b> Sales Representative or Department	<b>M ID 2/2</b>
PER02	93	<b>Name</b> Free-form name	<b>O AN 1/60</b>
PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number <b>EM</b> Electronic Mail <b>FX</b> Facsimile <b>TE</b> Telephone	<b>C ID 2/2</b>
PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>C AN 1/256</b>
PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number <b>EM</b> Electronic Mail <b>FX</b> Facsimile <b>TE</b> Telephone	<b>C ID 2/2</b>
PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>C AN 1/256</b>
PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number <b>EM</b> Electronic Mail <b>FX</b> Facsimile <b>TE</b> Telephone	<b>C ID 2/2</b>
PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>C AN 1/256</b>
PER09	443	<b>Contact Inquiry Reference</b> Additional reference number or description to clarify a contact number <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>O AN 1/20</b>

**Segment: N1 Party Identification**

**Level:** Header

**Loop:** N1      **Usage:** Optional      **Max Use:** 200

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To identify a party by type of organization, name, and code

**Syntax:** 1 **R0203**  
At least one of N102 or N103 is required.

2 **P0304**  
If either N103 or N104 is present, then the other is required.

**Comments:** A 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.

B N105 and N106 further define the type of entity in N101.

**Notes:** N103 and N104 are required except when N101 contains code CT or RI.

When the ship to (N101 contains code ST) is the end consumer (customer of retailer), N103 and N104 are not required.

In some EDI implementations, it may be necessary to identify the sender and/or receiver of the transaction set. To identify the sender of the transaction set, N101 will contain code FR. To identify the receiver of the transaction set, N101 will contain code TO.

When N101 contains code RI, N106 may be used to indicate that the remit-to party is a factor.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual	M ID 2/3
		<b>AG</b> Agent/Agency Buyer's agent	
		<b>BO</b> Broker or Sales Office 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.	
		<b>BS</b> Bill and Ship To	
		<b>BT</b> Bill-to-Party	
		<b>BY</b> Buying Party (Purchaser) This code will be deleted after Version 004040.	
		<b>CT</b> Country of Origin	
		<b>DL</b> Dealer	
		<b>FR</b> Message From	
		<b>MF</b> Manufacturer of Goods	
		<b>RI</b> Remit To	
		<b>SE</b> Selling Party	
		<b>SF</b> Ship From	
		<b>ST</b> Ship To	
		<b>TO</b> Message To	

**Z7** Mark-for Party

This is the ultimate destination for the order when the location is not the ship to and the mark for party is specified on the shipping label.

**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

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

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

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

**14** UCC/EAN Location Code Prefix

This is the Global Location Number (GLN) Prefix that may be used only if the Global location Number (GLN) Suffix is being used in the SDQ segment(s).

This code will be deleted after Version 004050.

**21** Health Industry Number (HIN)

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

**38** Country Code

See External Code Source 5 in Section III for reference document.

**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

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

**UL** Global Location Number (GLN)

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

**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.

**N105 706 Entity Relationship Code** **O ID 2/2**  
Code describing entity relationship

NOT USED BY THE RETAIL INDUSTRY

**N106 98 Entity Identifier Code** **O ID 2/3**  
Code identifying an organizational entity, a physical location, property or an individual

**O4** Factor

**Segment: N2 Additional Name Information**

**Level:** Header

**Loop:**

**Usage:** Optional

**Max Use:** 2

**Purpose:** To specify additional names

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES			
➤	N201	93	<b>Name</b>	M	AN	1/60
			Free-form name			
	N202	93	<b>Name</b>	O	AN	1/60
			Free-form name			

**Segment:** **N3** Party Location  
**Level:** Header  
**Loop:**  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
▶ <b>N301</b>	<b>166</b>	<b>Address Information</b>	<b>M</b>	<b>AN</b>	<b>1/55</b>
		Address information			
<b>N302</b>	<b>166</b>	<b>Address Information</b>	<b>O</b>	<b>AN</b>	<b>1/55</b>
		Address information			

**Segment: N4 Geographic Location**

**Level:** Header

**Loop:**

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify the geographic place of the named party

**Syntax:** 1 **E0207**  
Only one of N402 or N407 may be present.

2 **C0605**  
If N406 is present, then N405 is required.

3 **C0704**  
If N407 is present, then N404 is required.

**Comments:** A A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

B N402 is required only if city name (N401) is in the U.S. or Canada.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
N401	19	<b>City Name</b> Free-form text for city name	O	AN	2/30
N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency <b>See External Code Source 22 in Section III for reference document.</b>	C	ID	2/2
N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States) <b>See External Code Source 51 in Section III for reference document.</b>	O	ID	3/15
N404	26	<b>Country Code</b> Code identifying the country <b>See External Code Source 5 in Section III for reference document.</b>	C	ID	2/3
N405	309	<b>Location Qualifier</b> Code identifying type of location <b>NOT USED BY THE RETAIL INDUSTRY</b>	C	ID	1/2
N406	310	<b>Location Identifier</b> Code which identifies a specific location <b>NOT USED BY THE RETAIL INDUSTRY</b>	O	AN	1/30
N407	1715	<b>Country Subdivision Code</b> Code identifying the country subdivision <b>NOT USED BY THE RETAIL INDUSTRY</b>	C	ID	1/3

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

**Level:** Header

**Loop:** \_\_\_

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify terms of sale

**Syntax: 1 L03040513**

If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.

**2 L08040513**

If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.

**3 L091011**

If ITD09 is present, then at least one of ITD10 or ITD11 is required.

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

**Comments: A** 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:** See Section V (ITD Terms Specification and Formulas) for usage examples.

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.

Many times, deferred terms are specified on the purchase order with only the knowledge that the terms are to be based on a date value which is not known, e.g., invoice or delivery date. What is known is the percentage or dollar amount of each deferred installment, and the number of days after the date the terms are based on, that each installment will be due. In these cases, ITD01 will contain code 04, indicating deferred or installment terms, and ITD02 will contain the appropriate terms date basis code (most typically code 2 for Delivery Date, code 3 for Invoice Date, or code 15 for Receipt of Goods Date). ITD07 will contain the number of days after the terms basis date that this installment is due. ITD10 or ITD11 will be used to indicate a dollar amount (ITD10) for that installment or the percent (ITD11) for that installment. Use one ITD segment for each installment.

When specifying deferred terms and the exact terms basis date is known, e.g., invoice date, ITD09 should be used to specify the exact deferred or installment date.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms	O ID 2/2
		02 End of Month (EOM)	
		04 Deferred or Installment	
		05 Discount Not Applicable	
		08 Basic Discount Offered	
		09 Proximo	
		12 10 Days After End of Month (10 EOM)	
		14 Previously agreed upon	
		24 Anticipation	

ITD02	333	<b>Terms Basis Date Code</b> Code identifying the beginning of the terms period 1 Ship Date 2 Delivery Date 3 Invoice Date 4 Specified Date 7 Effective Date <b>The date is specified in the DTM segment in the header area using code 007 in DTM01.</b> 8 Invoice Transmission Date 15 Receipt of Goods	O ID 1/2
ITD03	338	<b>Terms Discount Percent</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 <b>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".</b>	O R 1/6
ITD04	370	<b>Terms Discount Due Date</b> Date payment is due if discount is to be earned expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	C DT 8/8
ITD05	351	<b>Terms Discount Days Due</b> Number of days in the terms discount period by which payment is due if terms discount is earned <b>The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</b>	C N0 1/3
ITD06	446	<b>Terms Net Due Date</b> Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O DT 8/8
ITD07	386	<b>Terms Net Days</b> Number of days until total invoice amount is due (discount not applicable) <b>The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</b>	O N0 1/3
ITD08	362	<b>Terms Discount Amount</b> Total amount of terms discount	O N2 1/10
ITD09	388	<b>Terms Deferred Due Date</b> Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O DT 8/8
ITD10	389	<b>Deferred Amount Due</b> Deferred amount due for payment	C N2 1/10
ITD11	342	<b>Percent of Invoice Payable</b> Amount of invoice payable expressed in percent <b>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".</b>	C R 1/5
ITD12	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
ITD13	765	<b>Day of Month</b> The numeric value of the day of the month between 1 and the maximum day of the month being referenced	C N0 1/2
ITD14	107	<b>Payment Method Type Code</b> Code identifying type of payment procedures L Letter of Credit	O ID 1/2
ITD15	954	<b>Percentage as Decimal</b> Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%) <b>NOT USED BY THE RETAIL INDUSTRY</b>	O R 1/10



**Segment: DTM Date/Time Reference**

**Level:** Header

**Loop:** \_\_\_\_

**Usage:** Optional

**Max Use:** 10

**Purpose:** To specify pertinent dates and times

**Syntax:** 1 **R020305**

At least one of DTM02, DTM03 or DTM05 is required.

2 **C0403**

If DTM04 is present, then DTM03 is required.

3 **P0506**

If either DTM05 or DTM06 is present, then the other is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	<b>M ID 3/3</b>
		<b>001</b> Cancel After <b>If the order has not been shipped by this date, the order is considered canceled</b>	
		<b>002</b> Delivery Requested	
		<b>006</b> Sold	
		<b>007</b> Effective <b>For terms</b>	
		<b>008</b> Purchase Order Received	
		<b>010</b> Requested Ship	
		<b>011</b> Shipped	
		<b>015</b> Promotion Start <b>Advertising date</b>	
		<b>037</b> Ship Not Before <b>If the retailer allows shipment before the requested ship date, this is the earliest date shipping can occur</b>	
		<b>038</b> Ship No Later	
		<b>055</b> Confirmed <b>Acknowledged</b>	
		<b>106</b> Required By	
		<b>151</b> Service Period End	
		<b>211</b> Service Requested <b>Date service requested</b>	
		<b>212</b> Returned to Customer	
DTM02	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	<b>C DT 8/8</b>
DTM03	337	<b>Time</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) <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C TM 4/8</b>

<b>DTM04</b>	<b>623</b>	<b>Time Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
		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			
		<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>DTM05</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b>	<b>C</b>	<b>ID</b>	<b>2/3</b>
		Code indicating the date format, time format, or date and time format			
		<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>DTM06</b>	<b>1251</b>	<b>Date Time Period</b>	<b>C</b>	<b>AN</b>	<b>1/35</b>
		Expression of a date, a time, or range of dates, times or dates and times			
		<b>NOT USED BY THE RETAIL INDUSTRY</b>			

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

**Level:** Header

**Loop:** \_\_\_\_

**Usage:** Optional

**Max Use:** 1

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

**Syntax:** 1 **C0302**  
If FOB03 is present, then FOB02 is required.

2 **C0405**  
If FOB04 is present, then FOB05 is required.

3 **C0706**  
If FOB07 is present, then FOB06 is required.

4 **C0809**  
If FOB08 is present, then FOB09 is required.

- Semantic:**
- 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.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ <b>FOB01</b>	<b>146</b>	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges <b>CC</b> Collect <b>CF</b> Collect, Freight Credited Back to Customer <b>DF</b> Defined by Buyer and Seller <b>MX</b> Mixed <b>PB</b> Customer Pick-up/Backhaul <b>PC</b> Prepaid but Charged to Customer <b>PO</b> Prepaid Only <b>PP</b> Prepaid (by Seller)	<b>M ID 2/2</b>
<b>FOB02</b>	<b>309</b>	<b>Location Qualifier</b> Code identifying type of location <b>AC</b> City and State <b>CA</b> Country of Origin <b>CC</b> Country <b>CI</b> City <b>CO</b> County/Parish and State <b>CS</b> Canadian SPLC <b>See External Code Source 21 in Section III for reference document.</b> <b>CY</b> County/Parish <b>DE</b> Destination (Shipping) <b>FA</b> Factory <b>FE</b> Freight Equalization Point <b>FF</b> Foreign Freight Forwarder Location <b>MI</b> Mill <b>NS</b> City/State from Points	<b>C ID 1/2</b>

**OA** Origin (After Loading on Equipment)  
**OR** Origin (Shipping Point)  
**OV** On Vessel (Free On Board [FOB] point)  
**SP** State/Province  
**TL** Terminal Cargo Location  
**WH** Warehouse

<b>FOB03</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>O AN</b>	<b>1/80</b>
<b>Free-form name of transportation responsibility location</b>				
<b>FOB04</b>	<b>334</b>	<b>Transportation Terms Qualifier Code</b> Code identifying the source of the transportation terms <b>01</b> Incoterms	<b>O ID</b>	<b>2/2</b>
<b>FOB05</b>	<b>335</b>	<b>Transportation Terms Code</b> Code identifying the trade terms which apply to the shipment transportation responsibility	<b>C ID</b>	<b>3/3</b>
<b>FOB06</b>	<b>309</b>	<b>Location Qualifier</b> Code identifying type of location  <b>See FOB02 for code list.</b>	<b>C ID</b>	<b>1/2</b>
<b>FOB07</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>O AN</b>	<b>1/80</b>
<b>Free-form name of title passage location</b>				
<b>FOB08</b>	<b>54</b>	<b>Risk of Loss Code</b> Code specifying where responsibility for risk of loss passes  <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>O ID</b>	<b>2/2</b>
<b>FOB09</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content  <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C AN</b>	<b>1/80</b>

**Segment: PID Product/Item Description**

**Level:** Header

**Loop:** \_\_\_\_

**Usage:** Optional

**Max Use:** 200

**Purpose:** To describe a product or process in coded or free-form format

- Syntax:**
- 1 **C0403**  
If PID04 is present, then PID03 is required.
  - 2 **R0405**  
At least one of PID04 or PID05 is required.
  - 3 **C0703**  
If PID07 is present, then PID03 is required.
  - 4 **C0804**  
If PID08 is present, then PID04 is required.
  - 5 **C0905**  
If PID09 is present, then PID05 is required.

- Semantic:**
- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
  - 2 PID04 should be used for industry-specific product description codes.
  - 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
  - 4 PID09 is used to identify the language being used in PID05.

- Comments:**
- A 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.
  - B Use PID06 when necessary to refer to the product surface or layer being described in the segment.
  - C PID07 specifies the individual code list of the agency specified in PID03.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	PID01	349 <b>Item Description Type</b> Code indicating the format of a description <b>S</b> Structured (From Industry Code List) <b>The description will be found in PID04.</b>	M ID 1/1
	PID02	750 <b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic <b>NOT USED BY THE RETAIL INDUSTRY</b>	O ID 2/3
➤	PID03	559 <b>Agency Qualifier Code</b> Code identifying the agency assigning the code values <b>VI</b> Voluntary Inter-Industry Commerce Standard (VICS) EDI <b>See External Code Source 70 in Section III for reference document.</b>	C ID 2/2
➤	PID04	751 <b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic <b>EV</b> Compliant with State Environment Requirements <b>FA</b> Compliant with Flammability Act <b>FL</b> Compliant with Fair Labor Standards Act <b>FP</b> Compliant with Fur Products Labeling Act <b>TF</b> Compliant with Textile Fiber Product Identification Act and Regulations <b>VC</b> Volatile Organic Compound (VOC) Compliant <b>WA</b> Compliant with Wool Products Labeling Act	C AN 1/12

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<b>PID05</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>C AN</b>	<b>1/80</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
<b>PID06</b>	<b>752</b>	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described	<b>O ID</b>	<b>2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
<b>PID07</b>	<b>822</b>	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	<b>O AN</b>	<b>1/15</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
<b>PID08</b>	<b>1073</b>	<b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response	<b>O ID</b>	<b>1/1</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
<b>PID09</b>	<b>819</b>	<b>Language Code</b> Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	<b>O ID</b>	<b>2/3</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>				

**Segment: IT1 Baseline Item Data (Invoice)**

**Level:** Detail

**Loop:** IT1      **Usage:** Optional      **Max Use:** 200000

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify the basic and most frequently used line item data for the invoice and related transactions

- Syntax:**
- 1 P020304**  
If either IT102, IT103 or IT104 are present, then the others are required.
  - 2 P0607**  
If either IT106 or IT107 is present, then the other is required.
  - 3 P0809**  
If either IT108 or IT109 is present, then the other is required.
  - 4 P1011**  
If either IT110 or IT111 is present, then the other is required.
  - 5 P1213**  
If either IT112 or IT113 is present, then the other is required.
  - 6 P1415**  
If either IT114 or IT115 is present, then the other is required.
  - 7 P1617**  
If either IT116 or IT117 is present, then the other is required.
  - 8 P1819**  
If either IT118 or IT119 is present, then the other is required.
  - 9 P2021**  
If either IT120 or IT121 is present, then the other is required.
  - 10 P2223**  
If either IT122 or IT123 is present, then the other is required.
  - 11 P2425**  
If either IT124 or IT125 is present, then the other is required.

**Semantic:** 1 IT101 is the line item identification.

- Comments:**
- A** Element 235/234 combinations should be interpreted to include products and/or services.
  - B** IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
	IT101	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20
➤	IT102	<b>Quantity Invoiced</b> Number of units invoiced (supplier units)	C	R	1/15
➤	IT103	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	C	ID	2/2
➤	IT104	<b>Unit Price</b> Price per unit of product, service, commodity, etc. <b>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".</b> <b>To indicate a no charge item or free goods, IT104 will contain a single zero (0) and IT105 will contain code NC.</b>	C	R	1/17

IT105	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item	O ID 2/2
<b>This data element is used to clarify or alter the basis of unit price. The unit price expressed in IT104 is always in the same terms as the unit of measure in IT103, unless otherwise specified in IT105.</b>			
LD Catalog Price per Dozen			
LE Catalog Price per Each			
NC No Charge			
<b>This code is used only when the unit price in IT104 is zero.</b>			
PO Price per Ounce			
PP Price per Pound			
PR Promotion			
QT Quoted			
RD Retail Price per Dozen			
RE Retail Price per Each			
TD Contract Price per Dozen			
TE Contract Price per Each			
WD Wholesale Price per Dozen			
WE Wholesale Price per Each			
IT106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
<b>See Section III for code list.</b>			
IT107	234	<b>Product/Service ID</b> Identifying number for a product or service	C AN 1/48
IT108	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
<b>See Section III for code list.</b>			
IT109	234	<b>Product/Service ID</b> Identifying number for a product or service	C AN 1/48
IT110	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
<b>See Section III for code list.</b>			
IT111	234	<b>Product/Service ID</b> Identifying number for a product or service	C AN 1/48
IT112	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
<b>See Section III for code list.</b>			
IT113	234	<b>Product/Service ID</b> Identifying number for a product or service	C AN 1/48
IT114	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
<b>See Section III for code list.</b>			
IT115	234	<b>Product/Service ID</b> Identifying number for a product or service	C AN 1/48
IT116	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
<b>See Section III for code list.</b>			



IT117	234	<b>Product/Service ID</b> Identifying number for a product or service	C	AN	1/48
IT118	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2
See Section III for code list.					
IT119	234	<b>Product/Service ID</b> Identifying number for a product or service	C	AN	1/48
IT120	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2
See Section III for code list.					
IT121	234	<b>Product/Service ID</b> Identifying number for a product or service	C	AN	1/48
IT122	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2
See Section III for code list.					
IT123	234	<b>Product/Service ID</b> Identifying number for a product or service	C	AN	1/48
IT124	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2
See Section III for code list.					
IT125	234	<b>Product/Service ID</b> Identifying number for a product or service	C	AN	1/48

**Segment: IT3 Additional Item Data**

**Level:** Detail

**Loop:**

**Usage:** Optional

**Max Use:** 5

**Purpose:** To specify additional item details relating to variations between ordered and shipped quantities, or to specify alternate units of measures and quantities

**Syntax:** 1 **P0102**

If either IT301 or IT302 is present, then the other is required.

2 **R01030405**

At least one of IT301, IT303, IT304 or IT305 is required.

**Notes:** In the alcohol beverage industry, this segment is used when the quantity and unit of measure shipped differs from the quantity invoiced in the associated IT1 segment.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
IT301	382	<b>Number of Units Shipped</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	C	R	1/10
IT302	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	C	ID	2/2
IT303	368	<b>Shipment/Order Status Code</b> 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 <b>BK</b> Back Ordered from Previous Order <b>BP</b> Shipment Partial, Back Order to Ship on (Date) <b>CC</b> Shipment Complete on (Date) <b>CM</b> Shipment Complete with Additional Quantity <b>CP</b> Partial Shipment on (Date), Considered No Backorder <b>CS</b> Shipment Complete with Substitution <b>DE</b> Deleted Order <b>IC</b> Item Canceled <b>IS</b> Item Represents Substitution from Original Order <b>PR</b> Partial Shipment <b>PS</b> In Process, Scheduled to Ship On (Date) <b>SS</b> Split Shipment	C	ID	2/2
IT304	383	<b>Quantity Difference</b> Numeric value of variance between ordered and shipped quantities	C	R	1/9
IT305	371	<b>Change Reason Code</b> Code specifying the reason for price or quantity change <b>MC</b> Pack/Size Measure Difference <b>PS</b> Product/Services ID Change	C	ID	2/2

**Segment: TXI Tax Information**

**Level:** Detail

**Loop:**

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify tax information

**Syntax:** 1 **R020306**

At least one of TXI02, TXI03 or TXI06 is required.

2 **P0405**

If either TXI04 or TXI05 is present, then the other is required.

3 **C0803**

If TXI08 is present, then TXI03 is required.

**Semantic:** 1 TXI02 is the monetary amount of the tax.

2 TXI03 is the tax percent expressed as a decimal.

3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
TXI01	963	<b>Tax Type Code</b> Code specifying the type of tax <b>AX</b> Tobacco Tax <b>BE</b> Harmonized Sales Tax <b>GS</b> Goods and Services Tax <b>Canadian GST</b> <b>PG</b> State or Provincial Tax on Goods	M	ID	2/2
TXI02	782	<b>Monetary Amount</b> Monetary amount <b>The amount 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".</b>	C	R	1/18
TXI03	954	<b>Percentage as Decimal</b> Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%) <b>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".</b>	C	R	1/10
TXI04	955	<b>Tax Jurisdiction Code Qualifier</b> Code identifying the source of the data used in tax jurisdiction code <b>This data element is used only when TXI01 contains code PG.</b> <b>SP</b> State or Province <b>See External Code Source 5 in Section III for reference document.</b>	C	ID	2/2
TXI05	956	<b>Tax Jurisdiction Code</b> Code identifying the taxing jurisdiction <b>This data element is used only when TXI01 contains code PG and is used to identify the corresponding state or province.</b>	C	AN	1/10
TXI06	441	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax <b>NOT USED BY THE RETAIL INDUSTRY</b>	C	ID	1/1
TXI07	662	<b>Relationship Code</b> Code indicating the relationship between entities <b>NOT USED BY THE RETAIL INDUSTRY</b>	O	ID	1/1
TXI08	828	<b>Dollar Basis For Percent</b> Dollar basis to be used in the percent calculation of the allowance, charge or tax <b>NOT USED BY THE RETAIL INDUSTRY</b>	O	R	1/9

**TXI09 325 Tax Identification Number** **O AN 1/20**  
Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

**TXI10 350 Assigned Identification** **O AN 1/20**  
Alphanumeric characters assigned for differentiation within a transaction set

**NOT USED BY THE RETAIL INDUSTRY**

**Segment: CTP Pricing Information**

**Level:** Detail

**Loop:**

**Usage:** Optional

**Max Use:** 25

**Purpose:** To specify pricing information

- Syntax:**
- 1 **P0405**  
If either CTP04 or CTP05 is present, then the other is required.
  - 2 **C0607**  
If CTP06 is present, then CTP07 is required.
  - 3 **C0902**  
If CTP09 is present, then CTP02 is required.
  - 4 **C1002**  
If CTP10 is present, then CTP02 is required.
  - 5 **C1103**  
If CTP11 is present, then CTP03 is required.

- Semantic:**
- 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.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CTP01	687	<b>Class of Trade Code</b> Code indicating class of trade <b>AG</b> Agent <b>BG</b> Buying Group <b>DE</b> Dealer <b>DI</b> Distributor <b>RS</b> Resale <b>WH</b> Wholesaler	O ID 2/2
▶ CTP02	236	<b>Price Identifier Code</b> Code identifying pricing specification <b>ALT</b> Alternate Price <b>CAT</b> Catalog Price <b>ICL</b> Unit Price Through Quantity Used only by the alcohol beverage industry Calculated net price (Bureau of Alcohol, Tobacco and Firearms requirement) <b>MSR</b> Manufacturer's Suggested Retail <b>PRP</b> Promotional price Promotion/Event <b>RTL</b> Retail <b>UCP</b> Unit cost price Item list cost <b>WHL</b> Wholesale	C ID 3/3
▶ CTP03	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc. 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> Numeric value of quantity	C R 1/15

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	<b>CTP05</b>	<b>C001</b>	<b>COMPOSITE UNIT OF MEASURE</b>	<b>C</b>	<b>COMPOSITE</b>	
			To identify a composite unit of measure			
➤	- 1	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>M</b>	<b>ID</b>	<b>2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			<b>See Section III for code list.</b>			
	- 2	<b>1018</b>	<b>Exponent</b>	<b>O</b>	<b>R</b>	<b>1/15</b>
			Power to which a unit is raised			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 3	<b>649</b>	<b>Multiplier</b>	<b>O</b>	<b>R</b>	<b>1/10</b>
			Value to be used as a multiplier to obtain a new value			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 4	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 5	<b>1018</b>	<b>Exponent</b>	<b>O</b>	<b>R</b>	<b>1/15</b>
			Power to which a unit is raised			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 6	<b>649</b>	<b>Multiplier</b>	<b>O</b>	<b>R</b>	<b>1/10</b>
			Value to be used as a multiplier to obtain a new value			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 7	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 8	<b>1018</b>	<b>Exponent</b>	<b>O</b>	<b>R</b>	<b>1/15</b>
			Power to which a unit is raised			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 9	<b>649</b>	<b>Multiplier</b>	<b>O</b>	<b>R</b>	<b>1/10</b>
			Value to be used as a multiplier to obtain a new value			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 10	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 11	<b>1018</b>	<b>Exponent</b>	<b>O</b>	<b>R</b>	<b>1/15</b>
			Power to which a unit is raised			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 12	<b>649</b>	<b>Multiplier</b>	<b>O</b>	<b>R</b>	<b>1/10</b>
			Value to be used as a multiplier to obtain a new value			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 13	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O</b>	<b>ID</b>	<b>2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 14	<b>1018</b>	<b>Exponent</b>	<b>O</b>	<b>R</b>	<b>1/15</b>
			Power to which a unit is raised			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	- 15	<b>649</b>	<b>Multiplier</b>	<b>O</b>	<b>R</b>	<b>1/10</b>
			Value to be used as a multiplier to obtain a new value			
			<b>NOT USED BY THE RETAIL INDUSTRY</b>			

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<b>CTP06</b>	<b>648</b>	<b>Price Multiplier Qualifier</b> Code indicating the type of price multiplier	<b>O</b>	<b>ID</b>	<b>3/3</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>CTP07</b>	<b>649</b>	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	<b>C</b>	<b>R</b>	<b>1/10</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>CTP08</b>	<b>782</b>	<b>Monetary Amount</b> Monetary amount	<b>O</b>	<b>R</b>	<b>1/18</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>CTP09</b>	<b>639</b>	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item <b>NT</b> Net <b>PE</b> Price per Each	<b>O</b>	<b>ID</b>	<b>2/2</b>
<b>CTP10</b>	<b>499</b>	<b>Condition Value</b> Identifies rate restrictions or provisions	<b>O</b>	<b>AN</b>	<b>1/10</b>
<b>This data element is used to specify the price bracket ID.</b>					
<b>CTP11</b>	<b>289</b>	<b>Multiple Price Quantity</b> Quantity of units for a given price, e.g., 3 for \$10.00	<b>O</b>	<b>NO</b>	<b>1/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					

**Segment: MEA Measurements**

**Level:** Detail

**Loop:**

**Usage:** Optional

**Max Use:** 40

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights

- Syntax:**
- 1 R03050608**  
At least one of MEA03, MEA05, MEA06 or MEA08 is required.
  - 2 E0412**  
Only one of MEA04 or MEA12 may be present.
  - 3 L050412**  
If MEA05 is present, then at least one of MEA04 or MEA12 is required.
  - 4 L060412**  
If MEA06 is present, then at least one of MEA04 or MEA12 is required.
  - 5 L07030506**  
If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
  - 6 E0803**  
Only one of MEA08 or MEA03 may be present.
  - 7 P1112**  
If either MEA11 or MEA12 is present, then the other is required.

- Semantic:**
- 1** MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
  - 2** MEA11 is the external code list for the unit of measure.
  - 3** MEA12 defines the unit of measure for MEA03, MEA05, and MEA06 from an external code list.

**Comments:** **A** When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
MEA01	737	<b>Measurement Reference ID Code</b> Code identifying the broad category to which a measurement applies <b>PD</b> Physical Dimensions <b>SE</b> Property Specifications <b>These are the measurements of the area where the product is to be installed, e.g., window dimensions, fireplace box dimensions, etc.</b>	<b>O ID 2/2</b>
MEA02	738	<b>Measurement Qualifier</b> Code identifying a specific product or process characteristic to which a measurement applies <b>DP</b> Depth <b>HT</b> Height <b>LN</b> Length <b>WD</b> Width	<b>O ID 1/3</b>
MEA03	739	<b>Measurement Value</b> The value of the measurement	<b>C R 1/20</b>
MEA04	C001	<b>COMPOSITE UNIT OF MEASURE</b> To identify a composite unit of measure	<b>C COMPOSITE</b>
- 1	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	<b>M ID 2/2</b>



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- 2	1018	<b>Exponent</b> Power to which a unit is raised	O	R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 3	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 4	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 5	1018	<b>Exponent</b> Power to which a unit is raised	O	R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 6	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 7	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 8	1018	<b>Exponent</b> Power to which a unit is raised	O	R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 9	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 10	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 11	1018	<b>Exponent</b> Power to which a unit is raised	O	R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 12	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 13	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 14	1018	<b>Exponent</b> Power to which a unit is raised	O	R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 15	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
MEA05	740	<b>Range Minimum</b> The value specifying the minimum of the measurement range	C	R	1/20
MEA06	741	<b>Range Maximum</b> The value specifying the maximum of the measurement range	C	R	1/20
MEA07	935	<b>Measurement Significance Code</b> Code used to benchmark, qualify or further define a measurement value	O	ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>					

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<b>MEA08</b>	<b>936</b>	<b>Measurement Attribute Code</b> Code used to express an attribute response when a numeric measurement value cannot be determined	<b>C</b>	<b>ID</b>	<b>2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>MEA09</b>	<b>752</b>	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described	<b>O</b>	<b>ID</b>	<b>2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>MEA10</b>	<b>1373</b>	<b>Measurement Method or Device</b> The method or device used to record the measurement	<b>O</b>	<b>ID</b>	<b>2/4</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>MEA11</b>	<b>1270</b>	<b>Code List Qualifier Code</b> Code identifying a specific industry code list	<b>C</b>	<b>ID</b>	<b>1/3</b>
<b>MEA12</b>	<b>1271</b>	<b>Industry Code</b> Code indicating a code from a specific industry code list	<b>C</b>	<b>AN</b>	<b>1/30</b>

**Segment: PID Product/Item Description**

**Level:** Detail

**Loop:** PID      **Usage:** Optional      **Max Use:** 1000

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To describe a product or process in coded or free-form format

- Syntax:**
- 1 C0403**  
If PID04 is present, then PID03 is required.
  - 2 R0405**  
At least one of PID04 or PID05 is required.
  - 3 C0703**  
If PID07 is present, then PID03 is required.
  - 4 C0804**  
If PID08 is present, then PID04 is required.
  - 5 C0905**  
If PID09 is present, then PID05 is required.

- Semantic:**
- 1** Use PID03 to indicate the organization that publishes the code list being referred to.
  - 2** PID04 should be used for industry-specific product description codes.
  - 3** PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
  - 4** PID09 is used to identify the language being used in PID05.

- Comments:**
- A** 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.
  - B** Use PID06 when necessary to refer to the product surface or layer being described in the segment.
  - C** PID07 specifies the individual code list of the agency specified in PID03.

**Notes:** The PID segment is used to provide product/item descriptions in text and or coded formats. The codes in PID04 are published only in this guideline.

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. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PID01	349	<b>Item Description Type</b> Code indicating the format of a description	M ID 1/1
		F Free-form The description will be found in PID05.	
		S Structured (From Industry Code List) The description will be found in PID04.	
		X Semi-structured (Code and Text) The description will be found in PID04 and PID05.	
PID02	750	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic	O ID 2/3
		08 Product	

		<b>35</b> Color			
			<b>Used only by the alcohol beverage industry</b>		
		<b>73</b> Vendor color description			
		<b>74</b> Vendor size description			
		<b>AGE</b> Age			
			<b>Used only by the alcohol beverage industry</b>		
			Use the format MM or YR (e.g., 24MM indicates 24 months or 12YR indicates 12 years in PID05.)		
		<b>B8</b> Bureau of Alcohol, Tobacco and Firearms Class Code			
			<b>Used only by the alcohol beverage industry</b>		
			See External Code Source 321 in Section III for reference document.		
		<b>BCC</b> Beverage Contents Characteristics, (e.g., Kosher, No Sulfites, etc. (Industry List)			
			<b>Used only by the alcohol beverage industry</b>		
		<b>BEV</b> Beverage Category			
			<b>Used only by the alcohol beverage industry</b>		
		<b>BND</b> Brand Group			
			<b>Used only by the alcohol beverage industry</b>		
		<b>FLV</b> Flavor			
			<b>Used only by the alcohol beverage industry</b>		
		<b>FQ</b> Quality			
			<b>Used only by the alcohol beverage industry</b>		
		<b>P6</b> Percentage of Alcohol			
			<b>Used only by the alcohol beverage industry</b>		
		<b>PRI</b> Grape Variety			
			<b>Used only by the alcohol beverage industry</b>		
		<b>R3</b> Proof			
			<b>Used only by the alcohol beverage industry</b>		
		<b>VI</b> Vintage			
			<b>Used only by the alcohol beverage industry</b>		
		<b>WF</b> Wine Fruit			
			<b>Used only by the alcohol beverage industry</b>		
<b>PID03</b>	<b>559</b>	<b>Agency Qualifier Code</b>	<b>C</b>	<b>ID</b>	<b>2/2</b>
		Code identifying the agency assigning the code values			
		<b>AL</b> National Alcohol Beverage Control Association			
			<b>See External Code Source 320 in Section III for reference document.</b>		
		<b>VI</b> Voluntary Inter-Industry Commerce Standard (VICS) EDI			
			<b>See External Code Source 70 in Section III for reference document.</b>		
<b>PID04</b>	<b>751</b>	<b>Product Description Code</b>	<b>C</b>	<b>AN</b>	<b>1/12</b>
		A code from an industry code list which provides specific data about a product characteristic			
		<b>CL</b> Collateral			
		<b>GW</b> Gift with purchase			
		<b>OS</b> Size not within normal size range (odd size)			
		<b>PP</b> Product sold only as part of a prepack (assortment)			
		<b>PW</b> Purchase with pPurchase			
		<b>RN</b> Product cannot be reordered			
		<b>RY</b> Product can be reordered			
		<b>See Section III for VICS EDI Semi-Custom Product Description Codes.</b>			

<b>PID05</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>C AN</b>	<b>1/80</b>
<b>PID06</b>	<b>752</b>	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described  <b>This element is used to describe the relative sequence of the item within the product, e.g., sequence of birthstones within a mother's birthstone ring. The ring is specified in the IT1 segment and the stones in the PID segment.</b>  R0 Relative Position 10 R1 Relative Position 1 R2 Relative Position 2 R3 Relative Position 3 R4 Relative Position 4 R5 Relative Position 5 R6 Relative Position 6 R7 Relative Position 7 R8 Relative Position 8 R9 Relative Position 9 RA Relative Position 11 RB Relative Position 12	<b>O ID</b>	<b>2/2</b>
<b>PID07</b>	<b>822</b>	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier  <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>O AN</b>	<b>1/15</b>
<b>PID08</b>	<b>1073</b>	<b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response  <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>O ID</b>	<b>1/1</b>
<b>PID09</b>	<b>819</b>	<b>Language Code</b> Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)  <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>O ID</b>	<b>2/3</b>

**Segment: MEA Measurements**

**Level:** Detail

**Loop:**

**Usage:** Optional

**Max Use:** 10

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights

- Syntax:**
- 1 R03050608**  
At least one of MEA03, MEA05, MEA06 or MEA08 is required.
  - 2 E0412**  
Only one of MEA04 or MEA12 may be present.
  - 3 L050412**  
If MEA05 is present, then at least one of MEA04 or MEA12 is required.
  - 4 L060412**  
If MEA06 is present, then at least one of MEA04 or MEA12 is required.
  - 5 L07030506**  
If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
  - 6 E0803**  
Only one of MEA08 or MEA03 may be present.
  - 7 P1112**  
If either MEA11 or MEA12 is present, then the other is required.

- Semantic:**
- 1** MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
  - 2** MEA11 is the external code list for the unit of measure.
  - 3** MEA12 defines the unit of measure for MEA03, MEA05, and MEA06 from an external code list.

**Comments:** **A** When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
MEA01	737	<b>Measurement Reference ID Code</b> Code identifying the broad category to which a measurement applies <b>PD</b> Physical Dimensions <b>SE</b> Property Specifications <b>These are the measurements of the area where the product is to be installed, e.g., window dimensions, fireplace box dimensions, etc.</b>	<b>O ID 2/2</b>
MEA02	738	<b>Measurement Qualifier</b> Code identifying a specific product or process characteristic to which a measurement applies <b>DP</b> Depth <b>HT</b> Height <b>LN</b> Length <b>WD</b> Width	<b>O ID 1/3</b>
MEA03	739	<b>Measurement Value</b> The value of the measurement	<b>C R 1/20</b>
MEA04	C001	<b>COMPOSITE UNIT OF MEASURE</b> To identify a composite unit of measure	<b>C COMPOSITE</b>
- 1	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	<b>M ID 2/2</b>

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- 2	1018	<b>Exponent</b> Power to which a unit is raised	O	R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 3	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 4	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 5	1018	<b>Exponent</b> Power to which a unit is raised	O	R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 6	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 7	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 8	1018	<b>Exponent</b> Power to which a unit is raised	O	R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 9	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 10	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 11	1018	<b>Exponent</b> Power to which a unit is raised	O	R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 12	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 13	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 14	1018	<b>Exponent</b> Power to which a unit is raised	O	R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 15	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
MEA05	740	<b>Range Minimum</b> The value specifying the minimum of the measurement range	C	R	1/20
MEA06	741	<b>Range Maximum</b> The value specifying the maximum of the measurement range	C	R	1/20
MEA07	935	<b>Measurement Significance Code</b> Code used to benchmark, qualify or further define a measurement value	O	ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>					

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<b>MEA08</b>	<b>936</b>	<b>Measurement Attribute Code</b> Code used to express an attribute response when a numeric measurement value cannot be determined	<b>C</b>	<b>ID</b>	<b>2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>MEA09</b>	<b>752</b>	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described	<b>O</b>	<b>ID</b>	<b>2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>MEA10</b>	<b>1373</b>	<b>Measurement Method or Device</b> The method or device used to record the measurement	<b>O</b>	<b>ID</b>	<b>2/4</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>MEA11</b>	<b>1270</b>	<b>Code List Qualifier Code</b> Code identifying a specific industry code list	<b>C</b>	<b>ID</b>	<b>1/3</b>
<b>MEA12</b>	<b>1271</b>	<b>Industry Code</b> Code indicating a code from a specific industry code list	<b>C</b>	<b>AN</b>	<b>1/30</b>



**Segment:** **PKG** Marking, Packaging, Loading  
**Level:** Detail  
**Loop:**  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To describe marking, packaging, loading, and unloading requirements  
**Syntax:** **1 R040506**  
 At least one of PKG04, PKG05 or PKG06 is required.  
**2 C0403**  
 If PKG04 is present, then PKG03 is required.  
**3 C0501**  
 If PKG05 is present, then PKG01 is required.  
**Semantic:** **1** PKG04 should be used for industry-specific packaging description codes.  
**Comments:** **A** Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.  
**B** If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.  
**C** Use PKG03 to indicate the organization that publishes the code list being referred to.  
**D** Special marking or tagging data can be given in PKG05 (description).  
**Notes:** **This segment is used only by the alcohol beverage industry.**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ <b>PKG01</b>	<b>349</b>	<b>Item Description Type</b> Code indicating the format of a description <b>F</b> Free-form The description will be found in PKG05. <b>S</b> Structured (From Industry Code List) The description will be found in PKG04. <b>X</b> Semi-structured (Code and Text) The description will be found in PKG04 and PKG05.	<b>C ID 1/1</b>
<b>PKG02</b>	<b>753</b>	<b>Packaging Characteristic Code</b> Code specifying the marking, packaging, loading and related characteristics being described <b>01</b> Casing Type Used to qualify the case materials, e.g., wood, regular, corrugated, etc. <b>34</b> Product Marking <b>35</b> Type of Package Used to qualify the type of packaging, e.g., regular, gift box, co-pack/combo, wine racked, carrier tray, sleeve, value-added, display, onpack, etc. <b>CB</b> Container Type Examples of container types are glass, plastic, ceramic, etc. <b>CC</b> Container Characteristics Examples of container characteristics are recyclable, returnable, etc. <b>CS</b> Container Shape Examples of container characteristics are recyclable, returnable, etc. <b>PN</b> Promotional Marking Examples of container shapes are round, square, flask, etc.	<b>O ID 1/5</b>

<b>PKG03</b>	<b>559</b>	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values <b>AL</b> National Alcohol Beverage Control Association <b>See External Code Source 320 in Section III for reference document.</b>	<b>C</b>	<b>ID</b>	<b>2/2</b>
<b>PKG04</b>	<b>754</b>	<b>Packaging Description Code</b> A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	<b>C</b>	<b>AN</b>	<b>1/7</b>
<b>PKG05</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>C</b>	<b>AN</b>	<b>1/80</b>
<b>PKG06</b>	<b>400</b>	<b>Unit Load Option Code</b> Code identifying loading or unloading a shipment <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C</b>	<b>ID</b>	<b>2/2</b>

**Segment: PO4 Item Physical Details**

**Level:** Detail

**Loop:**

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item

- Syntax:**
- 1 P0203**  
If either PO402 or PO403 is present, then the other is required.
  - 2 C0506**  
If PO405 is present, then PO406 is required.
  - 3 P0607**  
If either PO406 or PO407 is present, then the other is required.
  - 4 P0809**  
If either PO408 or PO409 is present, then the other is required.
  - 5 C1013**  
If PO410 is present, then PO413 is required.
  - 6 C1113**  
If PO411 is present, then PO413 is required.
  - 7 C1213**  
If PO412 is present, then PO413 is required.
  - 8 L13101112**  
If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
  - 9 C1716**  
If PO417 is present, then PO416 is required.
  - 10 C1804**  
If PO418 is present, then PO404 is required.

- Semantic:**
- 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:**
- A** PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. 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".
- B** PO413 defines the unit of measure for PO410, PO411, and PO412.

**Notes:** 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.

This segment may be used to specify the weight and/or volume (cube) for the item by using PO406 and PO407, and/or PO408 and PO409.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PO401	356	<b>Pack</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container	O NO 1/6
PO402	357	<b>Size</b> Size of supplier units in pack	C R 1/8
PO403	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	C ID 2/2
PO404	103	<b>Packaging Code</b> 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 <b>NOT USED BY THE RETAIL INDUSTRY</b>	C AN 3/5
PO405	187	<b>Weight Qualifier</b> Code defining the type of weight <b>NOT USED BY THE RETAIL INDUSTRY</b>	O ID 1/2
PO406	384	<b>Gross Weight per Pack</b> Numeric value of gross weight per pack	C R 1/9
PO407	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	C ID 2/2
PO408	385	<b>Gross Volume per Pack</b> Numeric value of gross volume per pack	C R 1/9
PO409	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	C ID 2/2
PO410	82	<b>Length</b> Largest horizontal dimension of an object measured when the object is in the upright position <b>NOT USED BY THE RETAIL INDUSTRY</b>	C R 1/8
PO411	189	<b>Width</b> Shorter measurement of the two horizontal dimensions measured with the object in the upright position <b>NOT USED BY THE RETAIL INDUSTRY</b>	C R 1/8
PO412	65	<b>Height</b> Vertical dimension of an object measured when the object is in the upright position <b>NOT USED BY THE RETAIL INDUSTRY</b>	C R 1/8
PO413	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>NOT USED BY THE RETAIL INDUSTRY</b>	C ID 2/2
PO414	810	<b>Inner Pack</b> The number of eaches per inner container	O NO 1/6
PO415	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described <b>NOT USED BY THE RETAIL INDUSTRY</b>	O ID 2/2
PO416	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set <b>NOT USED BY THE RETAIL INDUSTRY</b>	C AN 1/20

<b>PO417</b>	<b>350</b>	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	<b>O AN</b>	<b>1/20</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
<b>PO418</b>	<b>1470</b>	<b>Number</b> A generic number	<b>O NO</b>	<b>1/9</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>				

**Segment:** **REF** Reference Information  
**Level:** Detail  
**Loop:**  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax:** 1 **R0203**  
 At least one of REF02 or REF03 is required.  
**Semantic:** 1 REF04 contains data relating to the value cited in REF02.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	<b>M ID 2/3</b>
		<b>CO</b> Customer Order Number <b>Customer of retailer</b>	
		<b>IV</b> Seller's Invoice Number	
		<b>PK</b> Packing List Number	
		<b>PL</b> Price List Number <b>Used only by the alcohol beverage industry</b>	
		<b>QC</b> Product Specification Document Number <b>Schematic reference number</b>	
		<b>SE</b> Serial Number	
➤ REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>C AN 1/50</b>
REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C AN 1/80</b>
REF04	C040	<b>REFERENCE IDENTIFIER</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>O COMPOSITE</b>

**Segment: SDQ Destination Quantity**

**Level:** Detail

**Loop:**

**Usage:** Optional

**Max Use:** 500

**Purpose:** To specify destination and quantity detail

- Syntax:**
- 1 P0506**  
If either SDQ05 or SDQ06 is present, then the other is required.
  - 2 P0708**  
If either SDQ07 or SDQ08 is present, then the other is required.
  - 3 P0910**  
If either SDQ09 or SDQ10 is present, then the other is required.
  - 4 P1112**  
If either SDQ11 or SDQ12 is present, then the other is required.
  - 5 P1314**  
If either SDQ13 or SDQ14 is present, then the other is required.
  - 6 P1516**  
If either SDQ15 or SDQ16 is present, then the other is required.
  - 7 P1718**  
If either SDQ17 or SDQ18 is present, then the other is required.
  - 8 P1920**  
If either SDQ19 or SDQ20 is present, then the other is required.
  - 9 P2122**  
If either SDQ21 or SDQ22 is present, then the other is required.

**Semantic:** 1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

- Comments:**
- A** SDQ02 is used only if different than previously defined in the transaction set.
  - B** SDQ03 is the store number.
  - C** 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:** 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 the segment function as N104. The SDQ segment functions as an N1 segment containing code BS or BT in N101, that is, the SDQ segment specifies various bill-to locations. The sum of all quantities, in the SDQ segment(s) for a line item must equal the quantity invoiced in IT102.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	SDQ01	<b>355 Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	<b>M ID 2/2</b>
➤	SDQ02	<b>66 Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet <b>See External Code Source 16 in Section III for reference document.</b> 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix <b>See External Code Source 16 in Section III for reference document.</b>	<b>O ID 1/2</b>

**21 Health Industry Number (HIN)**

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

**91 Assigned by Seller or Seller's Agent**

**92 Assigned by Buyer or Buyer's Agent**

**UL Global Location Number (GLN)**

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

**UM UCC/EAN Location Code Suffix**

This code may be used only if the UCC/EAN Location Code Prefix has been specified in the preceding N1 segment.

This code will be deleted after Version 004050.

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



**Segment: CAD Carrier Detail**

**Level:** Detail

**Loop:**

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify transportation details for the transaction

**Syntax:** 1 **R0504**

At least one of CAD05 or CAD04 is required.

2 **C0708**

If CAD07 is present, then CAD08 is required.

**Notes:** This segment may be used in the detail area or the summary area, but not both.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
CAD01	91	<b>Transportation Method/Type Code</b> Code specifying the method or type of transportation for the shipment <b>AE</b> Air Express <b>D</b> Parcel Post <b>U</b> Private Parcel Service	O	ID	1/2
CAD02	206	<b>Equipment Initial</b> Prefix or alphabetic part of an equipment unit's identifying number <b>NOT USED BY THE RETAIL INDUSTRY</b>	O	AN	1/4
CAD03	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) <b>NOT USED BY THE RETAIL INDUSTRY</b>	O	AN	1/15
CAD04	140	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code <b>See External Code Source 17 in Section III for reference document.</b>	C	ID	2/4
CAD05	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	C	AN	1/35
CAD06	368	<b>Shipment/Order Status Code</b> 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 <b>NOT USED BY THE RETAIL INDUSTRY</b>	O	ID	2/2
CAD07	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification <b>08</b> Carrier Assigned Package Identification Number <b>Tracking number</b> <b>97</b> Package Number <b>Shipper-assigned trace number</b>	O	ID	2/3
CAD08	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/50
CAD09	284	<b>Service Level Code</b> Code indicating the level of transportation service or the billing service offered by the transportation carrier <b>ND</b> Next Day Air <b>PB</b> Priority Mail	O	ID	2/2

**PI** Priority Mail Insured  
**SC** Second Day Air

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

**Level:** Detail

**Loop:** SAC      **Usage:** Optional      **Max Use:** >1

**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:** 1    **R0203**

At least one of SAC02 or SAC03 is required.

2    **P0304**

If either SAC03 or SAC04 is present, then the other is required.

3    **P0607**

If either SAC06 or SAC07 is present, then the other is required.

4    **P0910**

If either SAC09 or SAC10 is present, then the other is required.

5    **C1110**

If SAC11 is present, then SAC10 is required.

6    **L130204**

If SAC13 is present, then at least one of SAC02 or SAC04 is required.

7    **C1413**

If SAC14 is present, then SAC13 is required.

8    **C1615**

If SAC16 is present, then SAC15 is required.

**Semantic:** 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:** **A**    SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.

**B**    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 summary 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 summary 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.**

**SAC04 contains special service requirement codes and special processing codes. This code list is maintained in Section III of this guideline.**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ SAC01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge R Allowance Request	M ID 1/1
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b> Code identifying the service, promotion, allowance, or charge <b>See Section III for code list.</b>	C ID 4/4
SAC03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values VI Voluntary Inter-Industry Commerce Standard (VICS) EDI <b>See External Code Source 70 in Section III for reference document.</b>	C ID 2/2
SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b> Agency maintained code identifying the service, promotion, allowance, or charge <b>See External Code Source 46 in Section III for reference document.</b> <b>See Section III for code list.</b>	C AN 1/10
SAC05	610	<b>Amount</b> Monetary amount <b>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.</b>	O N2 1/15
SAC06	378	<b>Allowance/Charge Percent Qualifier</b> Code indicating on what basis allowance or charge percent is calculated 1 Item List Cost 2 Item Net Cost 3 Discount/Gross <b>All allowances are off the gross price including cash discount.</b> 4 Discount/Net <b>All allowances are off the gross price. Cash discounts are off the net.</b> 5 Base Price per Unit <b>Line item discount</b> 6 Base Price Amount 7 Base Price Amount Less Previous Discount <b>Declining balance method</b>	C ID 1/1
SAC07	332	<b>Percent, Decimal Format</b> Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%) <b>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".</b>	C R 1/6
SAC08	118	<b>Rate</b> Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
SAC09	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	C ID 2/2

<b>SAC10</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>C</b>	<b>R</b>	<b>1/15</b>
<b>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.</b>					
<b>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.</b>					
<b>SAC11</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>O</b>	<b>R</b>	<b>1/15</b>
<b>SAC12</b>	<b>331</b>	<b>Allowance or Charge Method of Handling Code</b> Code indicating method of handling for an allowance or charge	<b>O</b>	<b>ID</b>	<b>2/2</b>
<b>01 Bill Back</b>					
<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.</b>					
<b>02 Off Invoice</b>					
<b>The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.</b>					
<b>03 Vendor Check to Customer</b>					
<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.</b>					
<b>04 Credit Customer Account</b>					
<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.</b>					
<b>05 Charge to be Paid by Vendor</b>					
<b>The vendor is responsible for the allowance or charge amount. The trading partners have agreed to the exact amount of adjudication. The amount will not be reflected in the total invoice amount.</b>					
<b>06 Charge to be Paid by Customer</b>					
<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.</b>					
<b>SAC13</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>C</b>	<b>AN</b>	<b>1/50</b>
<b>SAC14</b>	<b>770</b>	<b>Option Number</b> A unique number identifying available promotion or allowance options when more than one is offered	<b>O</b>	<b>AN</b>	<b>1/20</b>
<b>SAC15</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>C</b>	<b>AN</b>	<b>1/80</b>
<b>SAC16</b>	<b>819</b>	<b>Language Code</b> Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	<b>O</b>	<b>ID</b>	<b>2/3</b>
<b>See External Code Source 102 in Section III for reference document.</b>					

**Segment: TXI Tax Information**

**Level:** Detail

**Loop:** TXI    **Usage:** Optional    **Max Use:** >1

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify tax information

**Syntax:** 1 **R020306**

At least one of TXI02, TXI03 or TXI06 is required.

2 **P0405**

If either TXI04 or TXI05 is present, then the other is required.

3 **C0803**

If TXI08 is present, then TXI03 is required.

**Semantic:** 1 TXI02 is the monetary amount of the tax.

2 TXI03 is the tax percent expressed as a decimal.

3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
TXI01	963	<b>Tax Type Code</b> Code specifying the type of tax <b>AX</b> Tobacco Tax <b>BE</b> Harmonized Sales Tax <b>GS</b> Goods and Services Tax <b>Canadian GST</b> <b>PG</b> State or Provincial Tax on Goods	M	ID	2/2
TXI02	782	<b>Monetary Amount</b> Monetary amount <b>The amount 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".</b>	C	R	1/18
TXI03	954	<b>Percentage as Decimal</b> Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%) <b>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".</b>	C	R	1/10
TXI04	955	<b>Tax Jurisdiction Code Qualifier</b> Code identifying the source of the data used in tax jurisdiction code <b>This data element is used only when TXI01 contains code PG.</b> <b>SP</b> State or Province <b>See External Code Source 5 in Section III for reference document.</b>	C	ID	2/2
TXI05	956	<b>Tax Jurisdiction Code</b> Code identifying the taxing jurisdiction <b>This data element is used only when TXI01 contains code PG and is used to identify the corresponding state or province.</b>	C	AN	1/10
TXI06	441	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax <b>NOT USED BY THE RETAIL INDUSTRY</b>	C	ID	1/1
TXI07	662	<b>Relationship Code</b> Code indicating the relationship between entities <b>NOT USED BY THE RETAIL INDUSTRY</b>	O	ID	1/1
TXI08	828	<b>Dollar Basis For Percent</b> Dollar basis to be used in the percent calculation of the allowance, charge or tax	O	R	1/9

**TXI09 325 Tax Identification Number** **O AN 1/20**  
Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

**TXI10 350 Assigned Identification** **O AN 1/20**  
Alphanumeric characters assigned for differentiation within a transaction set

**NOT USED BY THE RETAIL INDUSTRY**

**Segment:** **SLN Subline Item Detail**

**Level:** Detail

**Loop:** SLN      **Usage:** Optional      **Max Use:** 1000

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify product subline detail item data

- Syntax:**
- 1 P0405**  
If either SLN04 or SLN05 is present, then the other is required.
  - 2 C0706**  
If SLN07 is present, then SLN06 is required.
  - 3 C0806**  
If SLN08 is present, then SLN06 is required.
  - 4 P0910**  
If either SLN09 or SLN10 is present, then the other is required.
  - 5 P1112**  
If either SLN11 or SLN12 is present, then the other is required.
  - 6 P1314**  
If either SLN13 or SLN14 is present, then the other is required.
  - 7 P1516**  
If either SLN15 or SLN16 is present, then the other is required.
  - 8 P1718**  
If either SLN17 or SLN18 is present, then the other is required.
  - 9 P1920**  
If either SLN19 or SLN20 is present, then the other is required.
  - 10 P2122**  
If either SLN21 or SLN22 is present, then the other is required.
  - 11 P2324**  
If either SLN23 or SLN24 is present, then the other is required.
  - 12 P2526**  
If either SLN25 or SLN26 is present, then the other is required.
  - 13 P2728**  
If either SLN27 or SLN28 is present, then the other is required.

- Semantic:**
- 1** SLN01 is the identifying number for the subline item.
  - 2** SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
  - 3** SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
  - 4** SLN08 is a code indicating the relationship of the price or amount to the associated segment.

- Comments:**
- A** SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
  - B** SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

**Notes:** This segment can be used to specify the originally ordered SKU for substituted SKUs. This segment can also be used to specify SKU contents of an assortment. The assortment can be defined by the retailer or the vendor. The assortment identification is in the line item detail segment for the transaction. This segment may be used to specify partial deletions of SKUs ordered but not invoiced and/or shipped.

If SLN03 contains code D or code I, then SLN04 and SLN05 are required.



Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	SLN01	<b>350 Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	M AN 1/20
	SLN02	<b>350 Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
		<b>NOT USED BY THE RETAIL INDUSTRY</b>	
➤	SLN03	<b>662 Relationship Code</b> Code indicating the relationship between entities D Delete I Included S Substituted	M ID 1/1
	SLN04	<b>380 Quantity</b> Numeric value of quantity	C R 1/15
	SLN05	<b>C001 COMPOSITE UNIT OF MEASURE</b> To identify a composite unit of measure	C COMPOSITE
➤	- 1	<b>355 Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
		<b>See Section III for code list.</b>	
	- 2	<b>1018 Exponent</b> Power to which a unit is raised	O R 1/15
		<b>NOT USED BY THE RETAIL INDUSTRY</b>	
	- 3	<b>649 Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
		<b>NOT USED BY THE RETAIL INDUSTRY</b>	
	- 4	<b>355 Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
		<b>NOT USED BY THE RETAIL INDUSTRY</b>	
	- 5	<b>1018 Exponent</b> Power to which a unit is raised	O R 1/15
		<b>NOT USED BY THE RETAIL INDUSTRY</b>	
	- 6	<b>649 Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
		<b>NOT USED BY THE RETAIL INDUSTRY</b>	
	- 7	<b>355 Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
		<b>NOT USED BY THE RETAIL INDUSTRY</b>	
	- 8	<b>1018 Exponent</b> Power to which a unit is raised	O R 1/15
		<b>NOT USED BY THE RETAIL INDUSTRY</b>	
	- 9	<b>649 Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
		<b>NOT USED BY THE RETAIL INDUSTRY</b>	
	- 10	<b>355 Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
		<b>NOT USED BY THE RETAIL INDUSTRY</b>	

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- 11	1018	<b>Exponent</b> Power to which a unit is raised	O R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
- 12	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
- 13	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
- 14	1018	<b>Exponent</b> Power to which a unit is raised	O R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
- 15	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
SLN06	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	C R	1/17
<b>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".</b>				
<b>To indicate a no charge item or free goods, SLN06 will contain a single zero (0) and SLN07 will contain code NC.</b>				
SLN07	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item	O ID	2/2
<b>This data element is used to clarify or alter the basis of unit price. The unit price expressed in SLN06 is always in the same terms as the unit of measure in SLN05, unless otherwise specified in SLN07.</b>				
LD Catalog Price per Dozen				
LE Catalog Price per Each				
NC No Charge				
PO Price per Ounce				
PP Price per Pound				
PR Promotion				
RD Retail Price per Dozen				
RE Retail Price per Each				
TD Contract Price per Dozen				
WD Wholesale Price per Dozen				
WE Wholesale Price per Each				
SLN08	662	<b>Relationship Code</b> Code indicating the relationship between entities	O ID	1/1
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
SLN09	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
<b>See Section III for code list.</b>				
SLN10	234	<b>Product/Service ID</b> Identifying number for a product or service	C AN	1/48
SLN11	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
<b>See Section III for code list.</b>				
SLN12	234	<b>Product/Service ID</b> Identifying number for a product or service	C AN	1/48

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<b>SLN13</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>See Section III for code list.</b>			
<b>SLN14</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>SLN15</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>See Section III for code list.</b>			
<b>SLN16</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>SLN17</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>See Section III for code list.</b>			
<b>SLN18</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>SLN19</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>See Section III for code list.</b>			
<b>SLN20</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>SLN21</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>See Section III for code list.</b>			
<b>SLN22</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>SLN23</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>See Section III for code list.</b>			
<b>SLN24</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>SLN25</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>See Section III for code list.</b>			
<b>SLN26</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>SLN27</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>See Section III for code list.</b>			
<b>SLN28</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>

**Segment:** **TC2** Commodity

**Level:** Detail

**Loop:**

**Usage:** Optional

**Max Use:** 2

**Purpose:** To identify a commodity or a group of commodities or a tariff page commodity

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ TC201	23	<b>Commodity Code Qualifier</b> Code identifying the commodity coding system used for Commodity Code	M ID 1/1
		J Harmonized System-Based Schedule B See External Code Source 75 in Section III for reference document.	
		Q Quota Category See External Code Source 146 in Section III for reference document.	
➤ TC202	22	<b>Commodity Code</b> Code describing a commodity or group of commodities	M AN 1/30
		See External Code Source 11 in Section III for reference document.	

**Segment: TXI Tax Information**

**Level:** Detail

**Loop:**

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify tax information

**Syntax:** 1 **R020306**

At least one of TXI02, TXI03 or TXI06 is required.

2 **P0405**

If either TXI04 or TXI05 is present, then the other is required.

3 **C0803**

If TXI08 is present, then TXI03 is required.

**Semantic:** 1 TXI02 is the monetary amount of the tax.

2 TXI03 is the tax percent expressed as a decimal.

3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
TXI01	963	<b>Tax Type Code</b> Code specifying the type of tax <b>AX</b> Tobacco Tax <b>BE</b> Harmonized Sales Tax <b>GS</b> Goods and Services Tax <b>Canadian GST</b> <b>PG</b> State or Provincial Tax on Goods	M	ID	2/2
TXI02	782	<b>Monetary Amount</b> Monetary amount <b>The amount 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".</b>	C	R	1/18
TXI03	954	<b>Percentage as Decimal</b> Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%) <b>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".</b>	C	R	1/10
TXI04	955	<b>Tax Jurisdiction Code Qualifier</b> Code identifying the source of the data used in tax jurisdiction code <b>This data element is used only when TXI01 contains code PG.</b> <b>SP</b> State or Province <b>See External Code Source 5 in Section III for reference document.</b>	C	ID	2/2
TXI05	956	<b>Tax Jurisdiction Code</b> Code identifying the taxing jurisdiction <b>This data element is used only when TXI01 contains code PG and is used to identify the corresponding state or province.</b>	C	AN	1/10
TXI06	441	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax <b>NOT USED BY THE RETAIL INDUSTRY</b>	C	ID	1/1
TXI07	662	<b>Relationship Code</b> Code indicating the relationship between entities <b>NOT USED BY THE RETAIL INDUSTRY</b>	O	ID	1/1
TXI08	828	<b>Dollar Basis For Percent</b> Dollar basis to be used in the percent calculation of the allowance, charge or tax <b>NOT USED BY THE RETAIL INDUSTRY</b>	O	R	1/9

**TXI09 325 Tax Identification Number** **O AN 1/20**  
Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county,  
etc.); often called a tax exemption number or certificate number

**TXI10 350 Assigned Identification** **O AN 1/20**  
Alphanumeric characters assigned for differentiation within a transaction set

**NOT USED BY THE RETAIL INDUSTRY**

**Segment: TDS Total Monetary Value Summary**

**Level:** Summary

**Loop:** \_\_\_\_

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify the total invoice discounts and amounts

- Semantic:**
- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
  - 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
  - 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
  - 4 TDS04 indicates the total amount of terms discount.

**Comments:** A TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
▶ TDS01	610	<b>Amount</b> Monetary amount	M	N2	1/15
TDS02	610	<b>Amount</b> Monetary amount	O	N2	1/15
TDS03	610	<b>Amount</b> Monetary amount	O	N2	1/15
TDS04	610	<b>Amount</b> Monetary amount	O	N2	1/15

**Segment: TXI Tax Information**

**Level:** Summary

**Loop:** \_\_\_\_\_

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify tax information

**Syntax:** 1 **R020306**

At least one of TXI02, TXI03 or TXI06 is required.

2 **P0405**

If either TXI04 or TXI05 is present, then the other is required.

3 **C0803**

If TXI08 is present, then TXI03 is required.

**Semantic:** 1 TXI02 is the monetary amount of the tax.

2 TXI03 is the tax percent expressed as a decimal.

3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
TXI01	963	<b>Tax Type Code</b> Code specifying the type of tax <b>AX</b> Tobacco Tax <b>BE</b> Harmonized Sales Tax <b>GS</b> Goods and Services Tax <b>Canadian GST</b> <b>PG</b> State or Provincial Tax on Goods	M	ID	2/2
TXI02	782	<b>Monetary Amount</b> Monetary amount <b>The amount 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".</b>	C	R	1/18
TXI03	954	<b>Percentage as Decimal</b> Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%) <b>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".</b>	C	R	1/10
TXI04	955	<b>Tax Jurisdiction Code Qualifier</b> Code identifying the source of the data used in tax jurisdiction code <b>This data element is used only when TXI01 contains code PG.</b> <b>SP</b> State or Province <b>See External Code Source 5 in Section III for reference document.</b>	C	ID	2/2
TXI05	956	<b>Tax Jurisdiction Code</b> Code identifying the taxing jurisdiction <b>This data element is used only when TXI01 contains code PG and is used to identify the corresponding state or province.</b>	C	AN	1/10
TXI06	441	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax <b>NOT USED BY THE RETAIL INDUSTRY</b>	C	ID	1/1
TXI07	662	<b>Relationship Code</b> Code indicating the relationship between entities <b>NOT USED BY THE RETAIL INDUSTRY</b>	O	ID	1/1
TXI08	828	<b>Dollar Basis For Percent</b> Dollar basis to be used in the percent calculation of the allowance, charge or tax	O	R	1/9



**TXI09 325 Tax Identification Number** **O AN 1/20**  
Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

**TXI10 350 Assigned Identification** **O AN 1/20**  
Alphanumeric characters assigned for differentiation within a transaction set

**NOT USED BY THE RETAIL INDUSTRY**

**Segment: CAD Carrier Detail**

**Level:** Summary

**Loop:** \_\_\_\_

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify transportation details for the transaction

**Syntax:** **1 R0504**  
At least one of CAD05 or CAD04 is required.  
**2 C0708**  
If CAD07 is present, then CAD08 is required.

**Notes:** This segment may be used in the detail area or the summary area, but not both.

CAD04 may be used to identify a specific private parcel service provider.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
CAD01	91	<b>Transportation Method/Type Code</b> Code specifying the method or type of transportation for the shipment A Air AE Air Express BU Bus C Consolidation CE Customer Pickup / Customer's Expense D Parcel Post E Expedited Truck H Customer Pickup J Motor L Contract Carrier M Motor (Common Carrier) MP Motor (Package Carrier) P Private Carrier R Rail S Ocean SE Sea/Air T Best Way (Shippers Option) U Private Parcel Service VA Motor (Van) X Intermodal (Piggyback)	O	ID	1/2
CAD02	206	<b>Equipment Initial</b> Prefix or alphabetic part of an equipment unit's identifying number See External Code Source 17 in Section III for reference document.	O	AN	1/4
CAD03	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	O	AN	1/15
CAD04	140	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code See External Code Source 17 in Section III for reference document.	C	ID	2/4
CAD05	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	C	AN	1/35

<b>CAD06</b>	<b>368</b>	<b>Shipment/Order Status Code</b>	<b>O ID 2/2</b>
		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	
		<b>BK</b> Back Ordered from Previous Order	
		<b>BP</b> Shipment Partial, Back Order to Ship on (Date)	
		<b>CC</b> Shipment Complete on (Date)	
		<b>CM</b> Shipment Complete with Additional Quantity	
		<b>CP</b> Partial Shipment on (Date), Considered No Backorder	
		<b>CS</b> Shipment Complete with Substitution	
		<b>DE</b> Deleted Order	
		<b>IC</b> Item Canceled	
		<b>IS</b> Item Represents Substitution from Original Order	
		<b>PR</b> Partial Shipment	
		<b>SS</b> Split Shipment	
<b>CAD07</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>O ID 2/3</b>
		Code qualifying the Reference Identification	
		<b>08</b> Carrier Assigned Package Identification Number	
		<b>Tracking number</b>	
		<b>97</b> Package Number	
		<b>Shipper-assigned trace number</b>	
		<b>BM</b> Bill of Lading Number	
		<b>CN</b> Carrier's Reference Number (PRO/Invoice)	
		<b>UCB</b> UCC Bill of Lading Number (17 Digits)	
		<b>See External Code Source 852 in Section III for reference document.</b>	
		<b>UCM</b> UCC Master Bill of Lading Number (17 Digits)	
		<b>See External Code Source 852 in Section III for reference document.</b>	
<b>CAD08</b>	<b>127</b>	<b>Reference Identification</b>	<b>C AN 1/50</b>
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
<b>CAD09</b>	<b>284</b>	<b>Service Level Code</b>	<b>O ID 2/2</b>
		Code indicating the level of transportation service or the billing service offered by the transportation carrier	
		<b>ND</b> Next Day Air	
		<b>PB</b> Priority Mail	
		<b>PI</b> Priority Mail Insured	
		<b>SC</b> Second Day Air	

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

**Level:** Summary

**Loop:** SAC    **Usage:** Optional    **Max Use:** >1

**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:** 1    **R0203**

At least one of SAC02 or SAC03 is required.

2    **P0304**

If either SAC03 or SAC04 is present, then the other is required.

3    **P0607**

If either SAC06 or SAC07 is present, then the other is required.

4    **P0910**

If either SAC09 or SAC10 is present, then the other is required.

5    **C1110**

If SAC11 is present, then SAC10 is required.

6    **L130204**

If SAC13 is present, then at least one of SAC02 or SAC04 is required.

7    **C1413**

If SAC14 is present, then SAC13 is required.

8    **C1615**

If SAC16 is present, then SAC15 is required.

**Semantic:** 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:** **A**    SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.

**B**    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 summary 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 summary 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.**

**SAC04 contains special service requirement codes and special processing codes. This code list is maintained in Section III of this guideline.**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ SAC01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge R Allowance Request	M ID 1/1
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b> Code identifying the service, promotion, allowance, or charge <b>See Section III for code list.</b>	C ID 4/4
SAC03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values VI Voluntary Inter-Industry Commerce Standard (VICS) EDI <b>See External Code Source 70 in Section III for reference document.</b>	C ID 2/2
SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b> Agency maintained code identifying the service, promotion, allowance, or charge <b>See External Code Source 46 in Section III for reference document.</b> <b>See Section III for code list.</b>	C AN 1/10
SAC05	610	<b>Amount</b> Monetary amount <b>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.</b>	O N2 1/15
SAC06	378	<b>Allowance/Charge Percent Qualifier</b> Code indicating on what basis allowance or charge percent is calculated 1 Item List Cost 2 Item Net Cost 3 Discount/Gross <b>All allowances are off the gross price including cash discount.</b> 4 Discount/Net <b>All allowances are off the gross price. Cash discounts are off the net.</b> 5 Base Price per Unit <b>Line item discount</b> 7 Base Price Amount Less Previous Discount <b>Declining balance method</b>	C ID 1/1
SAC07	332	<b>Percent, Decimal Format</b> Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%) <b>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".</b>	C R 1/6
SAC08	118	<b>Rate</b> Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
SAC09	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	C ID 2/2

<b>SAC10</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>C R</b>	<b>1/15</b>
<b>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.</b>				
<b>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.</b>				
<b>SAC11</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>O R</b>	<b>1/15</b>
<b>SAC12</b>	<b>331</b>	<b>Allowance or Charge Method of Handling Code</b> Code indicating method of handling for an allowance or charge	<b>O ID</b>	<b>2/2</b>
<b>01 Bill Back</b>				
<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.</b>				
<b>02 Off Invoice</b>				
<b>The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.</b>				
<b>03 Vendor Check to Customer</b>				
<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.</b>				
<b>04 Credit Customer Account</b>				
<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.</b>				
<b>05 Charge to be Paid by Vendor</b>				
<b>The vendor is responsible for the allowance or charge amount. The trading partners have agreed to the exact amount of adjudication. The amount will not be reflected in the total invoice amount.</b>				
<b>06 Charge to be Paid by Customer</b>				
<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.</b>				
<b>SAC13</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>C AN</b>	<b>1/50</b>
<b>SAC14</b>	<b>770</b>	<b>Option Number</b> A unique number identifying available promotion or allowance options when more than one is offered	<b>O AN</b>	<b>1/20</b>
<b>SAC15</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>C AN</b>	<b>1/80</b>
<b>SAC16</b>	<b>819</b>	<b>Language Code</b> Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	<b>O ID</b>	<b>2/3</b>
<b>See External Code Source 102 in Section III for reference document.</b>				

**Segment: TXI Tax Information**

**Level:** Summary

**Loop:** TXI    **Usage:** Optional    **Max Use:** >1

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify tax information

**Syntax:** 1 **R020306**

At least one of TXI02, TXI03 or TXI06 is required.

2 **P0405**

If either TXI04 or TXI05 is present, then the other is required.

3 **C0803**

If TXI08 is present, then TXI03 is required.

**Semantic:** 1 TXI02 is the monetary amount of the tax.

2 TXI03 is the tax percent expressed as a decimal.

3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TXI01	963	<b>Tax Type Code</b> Code specifying the type of tax <b>AX</b> Tobacco Tax <b>BE</b> Harmonized Sales Tax <b>GS</b> Goods and Services Tax <b>Canadian GST</b> <b>PG</b> State or Provincial Tax on Goods	M ID 2/2
TXI02	782	<b>Monetary Amount</b> Monetary amount <b>The amount 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".</b>	C R 1/18
TXI03	954	<b>Percentage as Decimal</b> Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%) <b>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".</b>	C R 1/10
TXI04	955	<b>Tax Jurisdiction Code Qualifier</b> Code identifying the source of the data used in tax jurisdiction code <b>This data element is used only when TXI01 contains code PG.</b> <b>SP</b> State or Province <b>See External Code Source 5 in Section III for reference document.</b>	C ID 2/2
TXI05	956	<b>Tax Jurisdiction Code</b> Code identifying the taxing jurisdiction <b>This data element is used only when TXI01 contains code PG and is used to identify the corresponding state or province.</b>	C AN 1/10
TXI06	441	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax <b>NOT USED BY THE RETAIL INDUSTRY</b>	C ID 1/1
TXI07	662	<b>Relationship Code</b> Code indicating the relationship between entities <b>NOT USED BY THE RETAIL INDUSTRY</b>	O ID 1/1
TXI08	828	<b>Dollar Basis For Percent</b> Dollar basis to be used in the percent calculation of the allowance, charge or tax	O R 1/9

**TXI09 325 Tax Identification Number** **O AN 1/20**  
Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

**TXI10 350 Assigned Identification** **O AN 1/20**  
Alphanumeric characters assigned for differentiation within a transaction set

**NOT USED BY THE RETAIL INDUSTRY**



**Segment: ISS Invoice Shipment Summary**

**Level:** Summary

**Loop:** ISS    **Usage:** Optional    **Max Use:** >1

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify summary details of total items shipped in terms of quantity, weight, and volume

**Syntax:** 1 **R010305**

At least one of ISS01, ISS03 or ISS05 is required.

2 **P0102**

If either ISS01 or ISS02 is present, then the other is required.

3 **P0304**

If either ISS03 or ISS04 is present, then the other is required.

4 **P0506**

If either ISS05 or ISS06 is present, then the other is required.

**Semantic:** 1 ISS07 is the quantity of third party pallets.

2 ISS08 is the gross weight of third party pallets in pounds.

**Notes:** When used by the alcohol beverage industry, a single ISS segment is used to specify the total number of cases, bottles, etc., for which the customer is being invoiced. Additional iterations of the ISS/PID segments are used to summarize the total number of wine gallons, spirit gallons, etc.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
ISS01	382	<b>Number of Units Shipped</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	C	R	1/10
ISS02	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	C	ID	2/2
ISS03	81	<b>Weight</b> Numeric value of weight	C	R	1/10
ISS04	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	C	ID	2/2
ISS05	183	<b>Volume</b> Value of volumetric measure	C	R	1/8
ISS06	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	C	ID	2/2
ISS07	380	<b>Quantity</b> Numeric value of quantity	O	R	1/15
ISS08	81	<b>Weight</b> Numeric value of weight	O	R	1/10

**Segment: PID Product/Item Description**

**Level:** Summary

**Loop:**

**Usage:** Optional

**Max Use:** 1

**Purpose:** To describe a product or process in coded or free-form format

**Syntax: 1 C0403**  
If PID04 is present, then PID03 is required.

**2 R0405**  
At least one of PID04 or PID05 is required.

**3 C0703**  
If PID07 is present, then PID03 is required.

**4 C0804**  
If PID08 is present, then PID04 is required.

**5 C0905**  
If PID09 is present, then PID05 is required.

**Semantic: 1** Use PID03 to indicate the organization that publishes the code list being referred to.

**2** PID04 should be used for industry-specific product description codes.

**3** PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.

**4** PID09 is used to identify the language being used in PID05.

**Comments: A** 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.

**B** Use PID06 when necessary to refer to the product surface or layer being described in the segment.

**C** PID07 specifies the individual code list of the agency specified in PID03.

**Notes:** This segment is used by the alcohol beverage industry in conjunction with the preceding ISS segment, to specify the total number of units shipped by type, e.g., wine gallons, spirit gallons, etc.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
PID01	349	<b>Item Description Type</b> Code indicating the format of a description F Free-form The description will be found in PID05. S Structured (From Industry Code List) The description will be found in PID04.	M	ID	1/1
PID02	750	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic NOT USED BY THE RETAIL INDUSTRY	O	ID	2/3
PID03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values AL National Alcohol Beverage Control Association See External Code Source 320 in Section III for reference document.	C	ID	2/2
PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic	C	AN	1/12
PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	C	AN	1/80

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<b>PID06</b>	<b>752</b>	<b>Surface/Layer/Position Code</b>	<b>O ID</b>	<b>2/2</b>
Code indicating the product surface, layer or position that is being described				
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
<b>PID07</b>	<b>822</b>	<b>Source Subqualifier</b>	<b>O AN</b>	<b>1/15</b>
A reference that indicates the table or text maintained by the Source Qualifier				
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
<b>PID08</b>	<b>1073</b>	<b>Yes/No Condition or Response Code</b>	<b>O ID</b>	<b>1/1</b>
Code indicating a Yes or No condition or response				
<b>NOT USED BY THE RETAIL INDUSTRY</b>				
<b>PID09</b>	<b>819</b>	<b>Language Code</b>	<b>O ID</b>	<b>2/3</b>
Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)				
<b>NOT USED BY THE RETAIL INDUSTRY</b>				

**Segment: CTT Transaction Totals**

**Level:** Summary

**Loop:** \_\_\_\_

**Usage:** Optional

**Max Use:** 1

**Purpose:** To transmit a hash total for a specific element in the transaction set

**Syntax:** 1 **P0304**

If either CTT03 or CTT04 is present, then the other is required.

2 **P0506**

If either CTT05 or CTT06 is present, then the other is required.

**Comments:** A This segment is intended to provide hash totals to validate transaction completeness and correctness.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CTT01	354	<b>Number of Line Items</b> Total number of line items in the transaction set <b>The number of IT1 segments present in the transaction set</b>	M NO 1/6
CTT02	347	<b>Hash Total</b> 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. <b>NOT USED BY THE RETAIL INDUSTRY</b>	O R 1/10
CTT03	81	<b>Weight</b> Numeric value of weight <b>NOT USED BY THE RETAIL INDUSTRY</b>	C R 1/10
CTT04	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>NOT USED BY THE RETAIL INDUSTRY</b>	C ID 2/2
CTT05	183	<b>Volume</b> Value of volumetric measure <b>NOT USED BY THE RETAIL INDUSTRY</b>	C R 1/8
CTT06	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>NOT USED BY THE RETAIL INDUSTRY</b>	C ID 2/2
CTT07	352	<b>Description</b> A free-form description to clarify the related data elements and their content <b>NOT USED BY THE RETAIL INDUSTRY</b>	O AN 1/80

**Segment: SE Transaction Set Trailer**

**Level:** Summary

**Loop:** \_\_\_

**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)

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

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	<b>M NO 1/10</b>
➤ SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>
		<b>This must be the same number as is in the ST segment (ST02) for the transaction set.</b>	

