

810 Invoice

Introduction

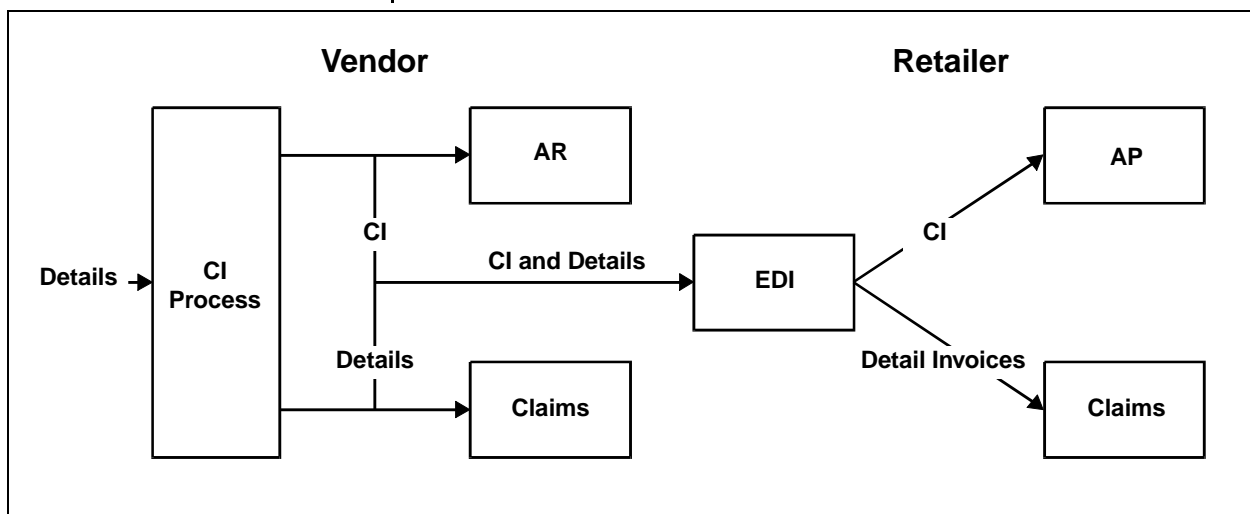
The purpose of this section is to present and explain the application of the ASC X12 standards as they pertain to the retail industry implementation of the Invoice Transaction Set.

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
311	0100	ST	Transaction Set Header	M	1	
312	0200	BIG	Beginning Segment for Invoice	M	1	
N/U	0300	NTE	Note/Special Instruction	O	100	
314	0400	CUR	Currency	O	1	
317	0500	REF	Reference Identification	O	12	
N/U	0550	YNQ	Yes/No Question	O	10	
319	0600	PER	Administrative Communications Contact	O	3	
LOOP ID - N1						200
320	0700	N1	Name	O	1	
322	0800	N2	Additional Name Information	O	2	
323	0900	N3	Address Information	O	2	
324	1000	N4	Geographic Location	O	1	
N/U	1100	REF	Reference Identification	O	12	
N/U	1200	PER	Administrative Communications Contact	O	3	
N/U	1250	DMG	Demographic Information	O	1	
325	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
327	1400	DTM	Date/Time Reference	O	10	
329	1500	FOB	F.O.B. Related Instructions	O	1	
331	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
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N/U	2145	CRC	Conditions Indicator	O	1	
LOOP ID - LM						10
N/U	2200	LM	Code Source Information	O	1	
N/U	2300	LQ	Industry Code	M	100	
LOOP ID - N9						1
N/U	2400	N9	Reference Identification	O	1	
N/U	2500	MSG	Message Text	M	10	
LOOP ID - V1						>1
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	
LOOP ID - FA1						>1
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
LOOP ID - IT1						200000
333	0100	IT1	Baseline Item Data (Invoice)	O	1	
N/U	0120	CRC	Conditions Indicator	O	1	
N/U	0150	QTY	Quantity	O	5	
N/U	0200	CUR	Currency	O	1	
336	0300	IT3	Additional Item Data	O	5	
337	0400	TXI	Tax Information	O	>1	
339	0500	CTP	Pricing Information	O	25	
N/U	0550	PAM	Period Amount	O	10	
342	0590	MEA	Measurements	O	40	
LOOP ID - IT1/PID						1000
345	0600	PID	Product/Item Description	O	1	
348	0700	MEA	Measurements	O	10	
N/U	0800	PWK	Paperwork	O	25	
351	0900	PKG	Marking, Packaging, Loading	O	25	
353	1000	PO4	Item Physical Details	O	1	
N/U	1100	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
356	1200	REF	Reference Identification	O	>1	
N/U	1250	YNQ	Yes/No Question	O	10	
N/U	1300	PER	Administrative Communications Contact	O	5	
357	1400	SDQ	Destination Quantity	O	500	
N/U	1500	DTM	Date/Time Reference	O	10	
359	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	
LOOP ID - IT1/SAC						>1
361	1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
LOOP ID - IT1/SAC/TXI						>1
364	1900	TXI	Tax Information	O	1	
N/U	1950	DTM	Date/Time Reference	O	1	
LOOP ID - IT1/SLN						1000
366	2000	SLN	Subline Item Detail	O	1	
N/U	2050	DTM	Date/Time Reference	O	1	
N/U	2100	REF	Reference Identification	O	>1	
N/U	2200	PID	Product/Item Description	O	1000	
N/U	2300	SAC	Service, Promotion, Allowance, or Charge Information	O	>1	
370	2350	TC2	Commodity	O	2	
371	2370	TXI	Tax Information	O	>1	
LOOP ID - IT1/N1						200
N/U	2400	N1	Name	O	1	
N/U	2500	N2	Additional Name Information	O	2	
N/U	2600	N3	Address Information	O	2	
N/U	2700	N4	Geographic Location	O	1	
N/U	2800	REF	Reference Identification	O	12	
N/U	2900	PER	Administrative Communications Contact	O	3	
N/U	2950	DMG	Demographic Information	O	1	
LOOP ID - IT1/LM						10
N/U	3000	LM	Code Source Information	O	1	
N/U	3100	LQ	Industry Code	M	100	
LOOP ID - IT1/V1						>1
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	
LOOP ID - IT1/FA1						>1
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
373	0100	TDS	Total Monetary Value Summary	M	1	
374	0200	TXI	Tax Information	O	>1	
376	0300	CAD	Carrier Detail	O	1	
N/U	0350	AMT	Monetary Amount	O	>1	
LOOP ID - SAC						>1
378	0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
N/U	0450	DTM	Date/Time Reference	O	>1	
LOOP ID - SAC/TXI						>1
381	0500	TXI	Tax Information	O	1	
N/U	0550	DTM	Date/Time Reference	O	1	
LOOP ID - ISS						>1
383	0600	ISS	Invoice Shipment Summary	O	1	
384	0650	PID	Product/Item Description	O	1	

**RETAIL INDUSTRY CONVENTIONS AND
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386	0700	CTT	Transaction Totals	O	1
387	0800	SE	Transaction Set Trailer	M	1

VICS EDI

810 Invoice

Header

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
311	0100	ST	Transaction Set Header	M	1	
312	0200	BIG	Beginning Segment for Invoice	M	1	
314	0400	CUR	Currency	O	1	
317	0500	REF	Reference Identification	O	12	
319	0600	PER	Administrative Communications Contact	O	3	
LOOP ID - N1						200
320	0700	N1	Name	O	1	
322	0800	N2	Additional Name Information	O	2	
323	0900	N3	Address Information	O	2	
324	1000	N4	Geographic Location	O	1	
325	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
327	1400	DTM	Date/Time Reference	O	10	
329	1500	FOB	F.O.B. Related Instructions	O	1	
331	1600	PID	Product/Item Description	O	200	

Detail

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
LOOP ID - IT1						200000
333	0100	IT1	Baseline Item Data (Invoice)	O	1	
336	0300	IT3	Additional Item Data	O	5	
337	0400	TXI	Tax Information	O	>1	
339	0500	CTP	Pricing Information	O	25	
342	0590	MEA	Measurements	O	40	
LOOP ID - IT1/PID						1000
345	0600	PID	Product/Item Description	O	1	
348	0700	MEA	Measurements	O	10	
351	0900	PKG	Marking, Packaging, Loading	O	25	
353	1000	PO4	Item Physical Details	O	1	
356	1200	REF	Reference Identification	O	>1	
357	1400	SDQ	Destination Quantity	O	500	
359	1600	CAD	Carrier Detail	O	>1	
LOOP ID - IT1/SAC						>1
361	1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
LOOP ID - IT1/SAC/TXI						>1
364	1900	TXI	Tax Information	O	1	
LOOP ID - IT1/SLN						1000
366	2000	SLN	Subline Item Detail	O	1	
370	2350	TC2	Commodity	O	2	
371	2370	TXI	Tax Information	O	>1	

Summary

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
373	0100	TDS	Total Monetary Value Summary	M	1	
374	0200	TXI	Tax Information	O	>1	
376	0300	CAD	Carrier Detail	O	1	
LOOP ID - SAC						>1
378	0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
LOOP ID - SAC/TXI						>1
381	0500	TXI	Tax Information	O	1	
LOOP ID - ISS						>1
383	0600	ISS	Invoice Shipment Summary	O	1	
384	0650	PID	Product/Item Description	O	1	
386	0700	CTT	Transaction Totals	O	1	
387	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.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 810 Invoice	M ID 3/3
➤ ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.	M AN 4/9
ST03	1705	Implementation Convention Reference Reference assigned to identify Implementation Convention NOT USED BY THE RETAIL INDUSTRY	O AN 1/35

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 Retailer's original purchase order date	O DT 8/8
	BIG04	324 Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser Retailer's original purchase order number	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 Retailer's release against the purchase order, if used	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 NOT USED BY THE RETAIL INDUSTRY	O AN 1/8
	BIG07	640 Transaction Type Code Code specifying the type of transaction This data element is used only when special identification of the invoice is needed, between trading partners, to support business needs. 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

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

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

**RETAIL INDUSTRY CONVENTIONS AND
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CUR05	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified See External Code Source 5 in Section III for reference document.	O ID	3/3
CUR06	669	Currency Market/Exchange Code Code identifying the market upon which the currency exchange rate is based NOT USED BY THE RETAIL INDUSTRY	O ID	3/3
CUR07	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 007 Effective	C ID	3/3
CUR08	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O DT	8/8
CUR09	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) NOT USED BY THE RETAIL INDUSTRY	O TM	4/8
CUR10	374	Date/Time Qualifier Code specifying type of date or time, or both date and time NOT USED BY THE RETAIL INDUSTRY	C ID	3/3
CUR11	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year NOT USED BY THE RETAIL INDUSTRY	C DT	8/8
CUR12	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) NOT USED BY THE RETAIL INDUSTRY	C TM	4/8
CUR13	374	Date/Time Qualifier Code specifying type of date or time, or both date and time NOT USED BY THE RETAIL INDUSTRY	C ID	3/3
CUR14	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year NOT USED BY THE RETAIL INDUSTRY	C DT	8/8
CUR15	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) NOT USED BY THE RETAIL INDUSTRY	C TM	4/8
CUR16	374	Date/Time Qualifier Code specifying type of date or time, or both date and time NOT USED BY THE RETAIL INDUSTRY	C ID	3/3
CUR17	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year NOT USED BY THE RETAIL INDUSTRY	C DT	8/8

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CUR18 337 Time C TM 4/8
 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)

NOT USED BY THE RETAIL INDUSTRY

CUR19 374 Date/Time Qualifier C ID 3/3
 Code specifying type of date or time, or both date and time

NOT USED BY THE RETAIL INDUSTRY

CUR20 373 Date C DT 8/8
 Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

NOT USED BY THE RETAIL INDUSTRY

CUR21 337 Time C TM 4/8
 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)

NOT USED BY THE RETAIL INDUSTRY

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

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

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

Segment: N1 Name

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	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	M ID 2/3
		AG Agent/Agency	
		Buyer's agent	
		BO 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.	
		BS Bill and Ship To	
		BT Bill-to-Party	
		BY Buying Party (Purchaser)	
		This code will be deleted after Version 004040.	
		CT Country of Origin	
		DL Dealer	
		FR Message From	
		MF Manufacturer of Goods	
		RI Remit To	
		SE Selling Party	
		SF Ship From	
		ST Ship To	
		TO 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).			
		See External Code Source 583 in Section III for reference document.			
		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 UCC/EAN Location Code			
		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: N1

Usage: Optional

Max Use: 2

Purpose: To specify additional names

Data Element Summary

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

Segment: N3 Address Information

Level: Header

Loop: N1

Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
➤ N301	166	Address Information	M	AN	1/55
		Address information			
N302	166	Address Information	O	AN	1/55
		Address information			

Segment: N4 Geographic Location

Level: Header

Loop: N1

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	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency See External Code Source 22 in Section III for reference document.	C ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) See External Code Source 51 in Section III for reference document.	O ID 3/15
N404	26	Country Code Code identifying the country See External Code Source 5 in Section III for reference document.	C ID 2/3
N405	309	Location Qualifier Code identifying type of location NOT USED BY THE RETAIL INDUSTRY	C ID 1/2
N406	310	Location Identifier Code which identifies a specific location NOT USED BY THE RETAIL INDUSTRY	O AN 1/30
N407	1715	Country Subdivision Code Code identifying the country subdivision NOT USED BY THE RETAIL INDUSTRY	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	Terms Type Code 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	Terms Basis Date Code Code identifying the beginning of the terms period 1 Ship Date 2 Delivery Date 3 Invoice Date 4 Specified Date 7 Effective Date The date is specified in the DTM segment in the header area using code 007 in DTM01. 8 Invoice Transmission Date 15 Receipt of Goods	O	ID	1/2
ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	O	R	1/6
ITD04	370	Terms Discount Due Date 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	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	C	N0	1/3
ITD06	446	Terms Net Due Date 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	Terms Net Days Number of days until total invoice amount is due (discount not applicable) The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	O	N0	1/3
ITD08	362	Terms Discount Amount Total amount of terms discount	O	N2	1/10
ITD09	388	Terms Deferred Due Date 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	Deferred Amount Due Deferred amount due for payment	C	N2	1/10
ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	C	R	1/5
ITD12	352	Description A free-form description to clarify the related data elements and their content	O	AN	1/80
ITD13	765	Day of Month 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	Payment Method Code Code identifying type of payment procedures L Letter of Credit	O	ID	1/2
ITD15	954	Percent Percentage expressed as a decimal NOT USED BY THE RETAIL INDUSTRY	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	Date/Time Qualifier Code specifying type of date or time, or both date and time	M ID 3/3
		001 Cancel After If the order has not been shipped by this date, the order is considered canceled	
		002 Delivery Requested	
		006 Sold	
		007 Effective For terms	
		008 Purchase Order Received	
		010 Requested Ship	
		011 Shipped	
		015 Promotion Start Advertising date	
		037 Ship Not Before If the retailer allows shipment before the requested ship date, this is the earliest date shipping can occur	
		038 Ship No Later	
		055 Confirmed Acknowledged	
		106 Required By	
		151 Service Period End	
		211 Service Requested Date service requested	
		212 Returned to Customer	
DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	C DT 8/8
DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	C TM 4/8
		NOT USED BY THE RETAIL INDUSTRY	

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

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

- 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

FOB03	352	Description A free-form description to clarify the related data elements and their content	O AN	1/80
Free-form name of transportation responsibility location				
FOB04	334	Transportation Terms Qualifier Code Code identifying the source of the transportation terms	O ID	2/2
01 Incoterms				
See External Code Source 35 in Section III for the source reference document of INCOTERMS codes, which will appear in FOB05.				
FOB05	335	Transportation Terms Code Code identifying the trade terms which apply to the shipment transportation responsibility	C ID	3/3
FOB06	309	Location Qualifier Code identifying type of location	C ID	1/2
See FOB02 for code list.				
FOB07	352	Description A free-form description to clarify the related data elements and their content	O AN	1/80
Free-form name of title passage location				
FOB08	54	Risk of Loss Code Code specifying where responsibility for risk of loss passes	O ID	2/2
NOT USED BY THE RETAIL INDUSTRY				
FOB09	352	Description A free-form description to clarify the related data elements and their content	C AN	1/80
NOT USED BY THE RETAIL INDUSTRY				

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

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

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	350 Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
➤	IT102	358 Quantity Invoiced Number of units invoiced (supplier units)	C R 1/15
➤	IT103	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	C ID 2/2
➤	IT104	212 Unit Price 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". To indicate a no charge item or free goods, IT104 will contain a single zero (0) and IT105 will contain code NC.	C R 1/17

IT105	639	Basis of Unit Price Code Code identifying the type of unit price for an item	O	ID	2/2
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.					
LD Catalog Price per Dozen					
LE Catalog Price per Each					
NC No Charge					
This code is used only when the unit price in IT104 is zero.					
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	Product/Service ID Qualifier 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.					
IT107	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
IT108	235	Product/Service ID Qualifier 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.					
IT109	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
IT110	235	Product/Service ID Qualifier 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.					
IT111	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
IT112	235	Product/Service ID Qualifier 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.					
IT113	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
IT114	235	Product/Service ID Qualifier 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.					
IT115	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
IT116	235	Product/Service ID Qualifier 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.					

IT117	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
IT118	235	Product/Service ID Qualifier 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	Product/Service ID Identifying number for a product or service	C	AN	1/48
IT120	235	Product/Service ID Qualifier 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	Product/Service ID Identifying number for a product or service	C	AN	1/48
IT122	235	Product/Service ID Qualifier 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	Product/Service ID Identifying number for a product or service	C	AN	1/48
IT124	235	Product/Service ID Qualifier 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	Product/Service ID Identifying number for a product or service	C	AN	1/48

Segment: IT3 Additional Item Data

Level: Detail
Loop: IT1
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	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	C R 1/10
IT302	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	C ID 2/2
IT303	368	Shipment/Order Status Code 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 BK Back Ordered from Previous Order BP Shipment Partial, Back Order to Ship on (Date) CC Shipment Complete on (Date) CM Shipment Complete with Additional Quantity CP Partial Shipment on (Date), Considered No Backorder CS Shipment Complete with Substitution DE Deleted Order IC Item Canceled IS Item Represents Substitution from Original Order PR Partial Shipment PS In Process, Scheduled to Ship On (Date) SS Split Shipment	C ID 2/2
IT304	383	Quantity Difference Numeric value of variance between ordered and shipped quantities	C R 1/9
IT305	371	Change Reason Code Code specifying the reason for price or quantity change MC Pack/Size Measure Difference PS Product/Services ID Change	C ID 2/2

Segment: TXI Tax Information

Level: Detail
Loop: IT1
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	Tax Type Code Code specifying the type of tax AX Tobacco Tax BE Harmonized Sales Tax GS Goods and Services Tax Canadian GST PG State or Provincial Tax on Goods	M	ID	2/2
TXI02	782	Monetary Amount Monetary amount 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".	C	R	1/18
TXI03	954	Percent Percentage expressed as a decimal 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".	C	R	1/10
TXI04	955	Tax Jurisdiction Code Qualifier Code identifying the source of the data used in tax jurisdiction code This data element is used only when TXI01 contains code PG. SP State or Province See External Code Source 5 in Section III for reference document.	C	ID	2/2
TXI05	956	Tax Jurisdiction Code Code identifying the taxing jurisdiction This data element is used only when TXI01 contains code PG and is used to identify the corresponding state or province.	C	AN	1/10
TXI06	441	Tax Exempt Code Code identifying exemption status from sales and use tax NOT USED BY THE RETAIL INDUSTRY	C	ID	1/1
TXI07	662	Relationship Code Code indicating the relationship between entities NOT USED BY THE RETAIL INDUSTRY	O	ID	1/1
TXI08	828	Dollar Basis For Percent Dollar basis to be used in the percent calculation of the allowance, charge or tax NOT USED BY THE RETAIL INDUSTRY	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: IT1
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	Class of Trade Code Code indicating class of trade AG Agent BG Buying Group DE Dealer DI Distributor RS Resale WH Wholesaler	O ID 2/2
▶ CTP02	236	Price Identifier Code Code identifying pricing specification ALT Alternate Price CAT Catalog Price ICL Unit Price Through Quantity Used only by the alcohol beverage industry Calculated net price (Bureau of Alcohol, Tobacco and Firearms requirement) MSR Manufacturer's Suggested Retail PRP Promotional price Promotion/Event RTL Retail UCP Unit cost price Item list cost WHL Wholesale	C ID 3/3
▶ CTP03	212	Unit Price 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	Quantity Numeric value of quantity	C R 1/15

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

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

Segment: MEA Measurements

Level: Detail
Loop: IT1
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	Measurement Reference ID Code Code identifying the broad category to which a measurement applies PD Physical Dimensions SE Property Specifications These are the measurements of the area where the product is to be installed, e.g., window dimensions, fireplace box dimensions, etc.	O ID 2/2
MEA02	738	Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies DP Depth HT Height LN Length WD Width	O ID 1/3
MEA03	739	Measurement Value The value of the measurement	C R 1/20
MEA04	C001	COMPOSITE UNIT OF MEASURE To identify a composite unit of measure	C COMPOSITE
- 1	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	M ID 2/2

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

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

Segment: PID Product/Item Description

Level: Detail

Loop: IT1/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	Item Description Type 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	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O	ID	2/3
		08 Product			

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

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

Segment: MEA Measurements

Level: Detail
Loop: IT1/PID
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	Measurement Reference ID Code Code identifying the broad category to which a measurement applies PD Physical Dimensions SE Property Specifications These are the measurements of the area where the product is to be installed, e.g., window dimensions, fireplace box dimensions, etc.	O ID 2/2
MEA02	738	Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies DP Depth HT Height LN Length WD Width	O ID 1/3
MEA03	739	Measurement Value The value of the measurement	C R 1/20
MEA04	C001	COMPOSITE UNIT OF MEASURE To identify a composite unit of measure	C COMPOSITE
- 1	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	M ID 2/2

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

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

Segment: PKG Marking, Packaging, Loading

Level: Detail
Loop: IT1
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
PKG01	349	Item Description Type Code indicating the format of a description	C ID 1/1
		F Free-form The description will be found in PKG05.	
		S Structured (From Industry Code List) The description will be found in PKG04.	
		X Semi-structured (Code and Text) The description will be found in PKG04 and PKG05.	
PKG02	753	Packaging Characteristic Code Code specifying the marking, packaging, loading and related characteristics being described	O ID 1/5
		01 Casing Type Used to qualify the case materials, e.g., wood, regular, corrugated, etc.	
		34 Product Marking	
		35 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.	
		CB Container Type Examples of container types are glass, plastic, ceramic, etc.	
		CC Container Characteristics Examples of container characteristics are recyclable, returnable, etc.	
		CS Container Shape Examples of container characteristics are recyclable, returnable, etc.	
		PN Promotional Marking Examples of container shapes are round, square, flask, etc.	

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

Segment: **PO4** Item Physical Details

Level: Detail

Loop: IT1

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

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

Segment: **REF** Reference Identification
Level: Detail
Loop: IT1
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	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
		CO Customer Order Number Customer of retailer	
		IV Seller's Invoice Number	
		PK Packing List Number	
		PL Price List Number Used only by the alcohol beverage industry	
		QC Product Specification Document Number Schematic reference number	
		SE Serial Number	
➤ REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/50
REF03	352	Description A free-form description to clarify the related data elements and their content NOT USED BY THE RETAIL INDUSTRY	C AN 1/80
REF04	C040	REFERENCE IDENTIFIER To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier NOT USED BY THE RETAIL INDUSTRY	O COMPOSITE

Segment: SDQ Destination Quantity

Level: Detail
Loop: IT1

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	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	M ID 2/2
➤ SDQ02	66	Identification Code Qualifier 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.	O ID 1/2

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 UCC/EAN Location Code

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.

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

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

Segment: CAD Carrier Detail

Level: Detail
Loop: IT1
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	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment AE Air Express D Parcel Post U Private Parcel Service	O ID 1/2
CAD02	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number NOT USED BY THE RETAIL INDUSTRY	O AN 1/4
CAD03	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) NOT USED BY THE RETAIL INDUSTRY	O AN 1/15
CAD04	140	Standard Carrier Alpha Code Standard Carrier Alpha Code See External Code Source 17 in Section III for reference document.	C ID 2/4
CAD05	387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	C AN 1/35
CAD06	368	Shipment/Order Status Code 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 NOT USED BY THE RETAIL INDUSTRY	O ID 2/2
CAD07	128	Reference Identification Qualifier Code qualifying the Reference Identification 08 Carrier Assigned Package Identification Number Tracking number 97 Package Number Shipper-assigned trace number	O ID 2/3
CAD08	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/50
CAD09	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier ND Next Day Air PB 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: IT1/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	Allowance or Charge Indicator 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	Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge See Section III for code list.	C ID 4/4
SAC03	559	Agency Qualifier Code Code identifying the agency assigning the code values VI Voluntary Inter-Industry Commerce Standard (VICS) EDI See External Code Source 70 in Section III for reference document.	C ID 2/2
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, promotion, allowance, or charge See Section III for code list.	C AN 1/10
SAC05	610	Amount Monetary amount When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.	O N2 1/15
SAC06	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated 1 Item List Cost 2 Item Net Cost 3 Discount/Gross All allowances are off the gross price including cash discount. 4 Discount/Net All allowances are off the gross price. Cash discounts are off the net. 5 Base Price per Unit Line item discount 6 Base Price Amount 7 Base Price Amount Less Previous Discount Declining balance method	C ID 1/1
SAC07	332	Percent Percent expressed as a percent The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	C R 1/6
SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
SAC09	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	C ID 2/2

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

Segment: TXI Tax Information

Level: Detail

Loop: IT1/SAC/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	Tax Type Code Code specifying the type of tax AX Tobacco Tax BE Harmonized Sales Tax GS Goods and Services Tax Canadian GST PG State or Provincial Tax on Goods	M	ID	2/2
TXI02	782	Monetary Amount Monetary amount 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".	C	R	1/18
TXI03	954	Percent Percentage expressed as a decimal 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".	C	R	1/10
TXI04	955	Tax Jurisdiction Code Qualifier Code identifying the source of the data used in tax jurisdiction code This data element is used only when TXI01 contains code PG. SP State or Province See External Code Source 5 in Section III for reference document.	C	ID	2/2
TXI05	956	Tax Jurisdiction Code Code identifying the taxing jurisdiction This data element is used only when TXI01 contains code PG and is used to identify the corresponding state or province.	C	AN	1/10
TXI06	441	Tax Exempt Code Code identifying exemption status from sales and use tax NOT USED BY THE RETAIL INDUSTRY	C	ID	1/1
TXI07	662	Relationship Code Code indicating the relationship between entities NOT USED BY THE RETAIL INDUSTRY	O	ID	1/1
TXI08	828	Dollar Basis For Percent 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: IT1/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	350 Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	M AN 1/20
	SLN02	350 Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
		NOT USED BY THE RETAIL INDUSTRY	
➤	SLN03	662 Relationship Code Code indicating the relationship between entities D Delete I Included S Substituted	M ID 1/1
	SLN04	380 Quantity Numeric value of quantity	C R 1/15
	SLN05	C001 COMPOSITE UNIT OF MEASURE To identify a composite unit of measure	C COMPOSITE
➤	- 1	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	M ID 2/2
	- 2	1018 Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O R 1/15
	- 3	649 Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O R 1/10
	- 4	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	O ID 2/2
	- 5	1018 Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O R 1/15
	- 6	649 Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O R 1/10
	- 7	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	O ID 2/2
	- 8	1018 Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O R 1/15
	- 9	649 Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O R 1/10
	- 10	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	O ID 2/2

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- 11	1018	Exponent Power to which a unit is raised	O R	1/15
NOT USED BY THE RETAIL INDUSTRY				
- 12	649	Multiplier Value to be used as a multiplier to obtain a new value	O R	1/10
NOT USED BY THE RETAIL INDUSTRY				
- 13	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID	2/2
NOT USED BY THE RETAIL INDUSTRY				
- 14	1018	Exponent Power to which a unit is raised	O R	1/15
NOT USED BY THE RETAIL INDUSTRY				
- 15	649	Multiplier Value to be used as a multiplier to obtain a new value	O R	1/10
NOT USED BY THE RETAIL INDUSTRY				
SLN06	212	Unit Price Price per unit of product, service, commodity, etc.	C R	1/17
The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".				
To indicate a no charge item or free goods, SLN06 will contain a single zero (0) and SLN07 will contain code NC.				
SLN07	639	Basis of Unit Price Code Code identifying the type of unit price for an item	O ID	2/2
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.				
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	Relationship Code Code indicating the relationship between entities	O ID	1/1
NOT USED BY THE RETAIL INDUSTRY				
SLN09	235	Product/Service ID Qualifier 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.				
SLN10	234	Product/Service ID Identifying number for a product or service	C AN	1/48
SLN11	235	Product/Service ID Qualifier 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.				
SLN12	234	Product/Service ID Identifying number for a product or service	C AN	1/48

SLN13	235	Product/Service ID Qualifier 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.					
SLN14	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
SLN15	235	Product/Service ID Qualifier 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.					
SLN16	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
SLN17	235	Product/Service ID Qualifier 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.					
SLN18	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
SLN19	235	Product/Service ID Qualifier 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.					
SLN20	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
SLN21	235	Product/Service ID Qualifier 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.					
SLN22	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
SLN23	235	Product/Service ID Qualifier 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.					
SLN24	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
SLN25	235	Product/Service ID Qualifier 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.					
SLN26	234	Product/Service ID Identifying number for a product or service	C	AN	1/48
SLN27	235	Product/Service ID Qualifier 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.					
SLN28	234	Product/Service ID Identifying number for a product or service	C	AN	1/48

Segment: **TC2** Commodity

Level: Detail

Loop: IT1/SLN

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	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code <ul style="list-style-type: none"> J Harmonized System-Based Schedule B <ul style="list-style-type: none"> See External Code Source 75 in Section III for reference document. Q Quota Category <ul style="list-style-type: none"> See External Code Source 146 in Section III for reference document. 	M ID 1/1
➤ TC202	22	Commodity Code Code describing a commodity or group of commodities	M AN 1/30

Segment: TXI Tax Information

Level: Detail
Loop: IT1/SLN
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	Tax Type Code Code specifying the type of tax AX Tobacco Tax BE Harmonized Sales Tax GS Goods and Services Tax Canadian GST PG State or Provincial Tax on Goods	M	ID	2/2
TXI02	782	Monetary Amount Monetary amount 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".	C	R	1/18
TXI03	954	Percent Percentage expressed as a decimal 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".	C	R	1/10
TXI04	955	Tax Jurisdiction Code Qualifier Code identifying the source of the data used in tax jurisdiction code This data element is used only when TXI01 contains code PG. SP State or Province See External Code Source 5 in Section III for reference document.	C	ID	2/2
TXI05	956	Tax Jurisdiction Code Code identifying the taxing jurisdiction This data element is used only when TXI01 contains code PG and is used to identify the corresponding state or province.	C	AN	1/10
TXI06	441	Tax Exempt Code Code identifying exemption status from sales and use tax NOT USED BY THE RETAIL INDUSTRY	C	ID	1/1
TXI07	662	Relationship Code Code indicating the relationship between entities NOT USED BY THE RETAIL INDUSTRY	O	ID	1/1
TXI08	828	Dollar Basis For Percent Dollar basis to be used in the percent calculation of the allowance, charge or tax NOT USED BY THE RETAIL INDUSTRY	O	R	1/9

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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	Amount Monetary amount	M	N2	1/15
TDS02	610	Amount Monetary amount	O	N2	1/15
TDS03	610	Amount Monetary amount	O	N2	1/15
TDS04	610	Amount 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	Tax Type Code Code specifying the type of tax AX Tobacco Tax BE Harmonized Sales Tax GS Goods and Services Tax Canadian GST PG State or Provincial Tax on Goods	M	ID	2/2
TXI02	782	Monetary Amount Monetary amount 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".	C	R	1/18
TXI03	954	Percent Percentage expressed as a decimal 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".	C	R	1/10
TXI04	955	Tax Jurisdiction Code Qualifier Code identifying the source of the data used in tax jurisdiction code This data element is used only when TXI01 contains code PG. SP State or Province See External Code Source 5 in Section III for reference document.	C	ID	2/2
TXI05	956	Tax Jurisdiction Code Code identifying the taxing jurisdiction This data element is used only when TXI01 contains code PG and is used to identify the corresponding state or province.	C	AN	1/10
TXI06	441	Tax Exempt Code Code identifying exemption status from sales and use tax NOT USED BY THE RETAIL INDUSTRY	C	ID	1/1
TXI07	662	Relationship Code Code indicating the relationship between entities NOT USED BY THE RETAIL INDUSTRY	O	ID	1/1
TXI08	828	Dollar Basis For Percent 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	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment	O	ID	1/2
		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)			
CAD02	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number	O	AN	1/4
		See External Code Source 17 in Section III for reference document.			
CAD03	207	Equipment Number 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	Standard Carrier Alpha Code Standard Carrier Alpha Code	C	ID	2/4
		See External Code Source 17 in Section III for reference document.			
CAD05	387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	C	AN	1/35

CAD06	368	Shipment/Order Status Code	O ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
		BK Back Ordered from Previous Order	
		BP Shipment Partial, Back Order to Ship on (Date)	
		CC Shipment Complete on (Date)	
		CM Shipment Complete with Additional Quantity	
		CP Partial Shipment on (Date), Considered No Backorder	
		CS Shipment Complete with Substitution	
		DE Deleted Order	
		IC Item Canceled	
		IS Item Represents Substitution from Original Order	
		PR Partial Shipment	
		SS Split Shipment	
CAD07	128	Reference Identification Qualifier	O ID 2/3
		Code qualifying the Reference Identification	
		08 Carrier Assigned Package Identification Number	
		Tracking number	
		97 Package Number	
		Shipper-assigned trace number	
		BM Bill of Lading Number	
		CN Carrier's Reference Number (PRO/Invoice)	
		UCB UCC Bill of Lading Number (17 Digits)	
		See External Code Source 852 in Section III for reference document.	
		UCM UCC Master Bill of Lading Number (17 Digits)	
		See External Code Source 852 in Section III for reference document.	
CAD08	127	Reference Identification	C AN 1/50
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
CAD09	284	Service Level Code	O ID 2/2
		Code indicating the level of transportation service or the billing service offered by the transportation carrier	
		ND Next Day Air	
		PB Priority Mail	
		PI Priority Mail Insured	
		SC 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	Allowance or Charge Indicator 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	Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge See Section III for code list.	C ID 4/4
SAC03	559	Agency Qualifier Code Code identifying the agency assigning the code values VI Voluntary Inter-Industry Commerce Standard (VICS) EDI See External Code Source 70 in Section III for reference document.	C ID 2/2
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, promotion, allowance, or charge See Section III for code list.	C AN 1/10
SAC05	610	Amount Monetary amount When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.	O N2 1/15
SAC06	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated 1 Item List Cost 2 Item Net Cost 3 Discount/Gross All allowances are off the gross price including cash discount. 4 Discount/Net All allowances are off the gross price. Cash discounts are off the net. 5 Base Price per Unit Line item discount 7 Base Price Amount Less Previous Discount Declining balance method	C ID 1/1
SAC07	332	Percent Percent expressed as a percent The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	C R 1/6
SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
SAC09	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	C ID 2/2

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

Segment: TXI Tax Information

Level: Summary

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

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

Segment: PID Product/Item Description

Level: Summary

Loop: ISS

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

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

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	Number of Line Items Total number of line items in the transaction set	M NO 1/6
The number of IT1 segments present in the transaction set			
CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	O R 1/10
NOT USED BY THE RETAIL INDUSTRY			
CTT03	81	Weight Numeric value of weight	C R 1/10
NOT USED BY THE RETAIL INDUSTRY			
CTT04	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
CTT05	183	Volume Value of volumetric measure	C R 1/8
NOT USED BY THE RETAIL INDUSTRY			
CTT06	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
CTT07	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
NOT USED BY THE RETAIL INDUSTRY			

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

