

# 855 Purchase Order Acknowledgment

---

## 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 Purchase Order Acknowledgment Transaction Set.

Within the retail industry, there are three distinct uses for the Purchase Order Acknowledgment Transaction Set (855). The first is the traditional **acknowledgment** of a retailer's purchase order. The seller sends the 855 to acknowledge the retailer's purchase order with no change, or to cancel or make changes to the retailer's purchase order.

The second is to **notify** the retailer of a vendor-generated replenishment order. The seller advises a retailer that the seller will ship merchandise as prearranged in their partnership.

The third is to **cancel or make changes** to a vendor generated replenishment order. The seller sends an 855 to cancel or change a previously transmitted 855.

The combination of the transaction set purpose code in BAK01 and the acknowledgement type code in BAK02 specifies the purpose and requested action of the document. When necessary, identification of the distinct purpose of the document is included in the VICS EDI implementation guidelines (e.g. NOTIFICATION or ACKNOWLEDGMENT)

The replenishment acknowledgement is not a Ship Notice/Manifest (856), nor shall it be used in place of the Ship Notice/Manifest.



ASC X12

# 855 Purchase Order Acknowledgment

FUNCTIONAL GROUP ID = **PR**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

**Following this complete VICS convention and implementation guideline, find the profile describing its use in Canada.**

## Header

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
1050	0100	ST	Transaction Set Header	M	1	
1051	0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1	
1054	0400	CUR	Currency	O	1	
1057	0500	REF	Reference Identification	O	>1	
1058	0600	PER	Administrative Communications Contact	O	3	
1059	0700	TAX	Tax Reference	O	>1	
1061	0800	FOB	F.O.B. Related Instructions	O	>1	
N/U	0900	CTP	Pricing Information	O	>1	
N/U	0950	PAM	Period Amount	O	10	
N/U	1100	CSH	Sales Requirements	O	1	
<b>LOOP ID - SAC</b>						<b>25</b>
1063	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
N/U	1250	CUR	Currency	O	1	
1066	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	5	
N/U	1400	DIS	Discount Detail	O	20	
N/U	1450	INC	Installment Information	O	1	
1068	1500	DTM	Date/Time Reference	O	10	
N/U	1600	LDT	Lead Time	O	12	
N/U	1800	LIN	Item Identification	O	5	
N/U	1850	SI	Service Characteristic Identification	O	>1	
1069	1900	PID	Product/Item Description	O	200	
N/U	2000	MEA	Measurements	O	40	
N/U	2100	PWK	Paperwork	O	25	
1071	2200	PKG	Marking, Packaging, Loading	O	25	
N/U	2300	TD1	Carrier Details (Quantity and Weight)	O	2	
N/U	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
1073	2500	TD3	Carrier Details (Equipment)	O	12	
N/U	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
N/U	2700	MAN	Marks and Numbers	O	10	
N/U	2750	TXI	Tax Information	O	>1	

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

N/U	2770	CTB	Restrictions/Conditions	0	>1
<b>LOOP ID - N9</b>					<b>1000</b>
N/U	2800	N9	Reference Identification	0	1
N/U	2850	DTM	Date/Time Reference	0	>1
N/U	2900	MTX	Text	0	>1
N/U	2950	PWK	Paperwork	0	>1
N/U	2980	EFI	Electronic Format Identification	0	>1
<b>LOOP ID - N1</b>					<b>200</b>
1075	3000	N1	Name	0	1
1077	3100	N2	Additional Name Information	0	2
N/U	3150	IN2	Individual Name Structure Components	0	>1
1078	3200	N3	Address Information	0	2
1079	3300	N4	Geographic Location	0	1
N/U	3350	NX2	Location ID Component	0	>1
N/U	3400	REF	Reference Identification	0	12
N/U	3500	PER	Administrative Communications Contact	0	>1
N/U	3550	SI	Service Characteristic Identification	0	>1
N/U	3600	FOB	F.O.B. Related Instructions	0	1
N/U	3700	TD1	Carrier Details (Quantity and Weight)	0	2
N/U	3800	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12
N/U	3900	TD3	Carrier Details (Equipment)	0	12
N/U	4000	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5
N/U	4100	PKG	Marking, Packaging, Loading	0	25
N/U	4200	MTX	Text	0	>1
<b>LOOP ID - ADV</b>					<b>&gt;1</b>
N/U	4300	ADV	Advertising Demographic Information	0	1
N/U	4400	DTM	Date/Time Reference	0	>1
N/U	4500	MTX	Text	0	>1

## Detail

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
<b>LOOP ID - PO1</b>						<b>100000</b>
1080	0100	PO1	Baseline Item Data	0	1	
N/U	0150	LIN	Item Identification	0	>1	
N/U	0180	SI	Service Characteristic Identification	0	>1	
N/U	0200	CUR	Currency	0	1	
N/U	0300	PO3	Additional Item Detail	0	25	
1084	0400	CTP	Pricing Information	0	>1	
N/U	0450	PAM	Period Amount	0	10	
N/U	0490	MEA	Measurements	0	40	
<b>LOOP ID - PO1/PID</b>						<b>1000</b>
1087	0500	PID	Product/Item Description	0	1	
N/U	0600	MEA	Measurements	0	10	
N/U	0700	PWK	Paperwork	0	25	
1089	0900	PO4	Item Physical Details	0	>1	
N/U	1000	REF	Reference Identification	0	>1	

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

N/U	1100	PER	Administrative Communications Contact	O	3
<b>LOOP ID - PO1/SAC</b>					<b>25</b>
1092	1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1
N/U	1350	CUR	Currency	O	1
N/U	1400	IT8	Conditions of Sale	O	1
N/U	1420	CSH	Sales Requirements	O	>1
N/U	1500	ITD	Terms of Sale/Deferred Terms of Sale	O	2
N/U	1600	DIS	Discount Detail	O	20
N/U	1650	INC	Installment Information	O	1
N/U	1700	TAX	Tax Reference	O	>1
N/U	1800	FOB	F.O.B. Related Instructions	O	>1
1095	1900	SDQ	Destination Quantity	O	500
N/U	2000	DTM	Date/Time Reference	O	10
N/U	2100	LDT	Lead Time	O	12
N/U	2300	TD1	Carrier Details (Quantity and Weight)	O	1
N/U	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
N/U	2500	TD3	Carrier Details (Equipment)	O	12
N/U	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
<b>LOOP ID - PO1/ACK</b>					<b>104</b>
1097	2700	ACK	Line Item Acknowledgment	O	1
N/U	2800	DTM	Date/Time Reference	O	1
N/U	2900	MAN	Marks and Numbers	O	10
N/U	2930	AMT	Monetary Amount	O	1
N/U	2950	CTB	Restrictions/Conditions	O	>1
N/U	2960	TXI	Tax Information	O	>1
<b>LOOP ID - PO1/QTY</b>					<b>&gt;1</b>
N/U	3000	QTY	Quantity	O	1
N/U	3020	SI	Service Characteristic Identification	O	>1
<b>LOOP ID - PO1/PKG</b>					<b>200</b>
1101	3030	PKG	Marking, Packaging, Loading	O	1
N/U	3050	MEA	Measurements	O	>1
<b>LOOP ID - PO1/SCH</b>					<b>200</b>
N/U	3100	SCH	Line Item Schedule	O	1
N/U	3150	TD1	Carrier Details (Quantity and Weight)	O	2
N/U	3200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
N/U	3300	TD3	Carrier Details (Equipment)	O	12
N/U	3400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
N/U	3450	REF	Reference Identification	O	>1
<b>LOOP ID - PO1/N9</b>					<b>1000</b>
N/U	3500	N9	Reference Identification	O	1
N/U	3550	DTM	Date/Time Reference	O	>1
N/U	3600	MTX	Text	O	>1
N/U	3650	PWK	Paperwork	O	>1
N/U	3680	EFI	Electronic Format Identification	O	>1
<b>LOOP ID - PO1/N1</b>					<b>200</b>
1103	3700	N1	Name	O	1
1104	3800	N2	Additional Name Information	O	2
N/U	3850	IN2	Individual Name Structure Components	O	>1
1105	3900	N3	Address Information	O	2

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

1106	4000	N4	Geographic Location	O	1
N/U	4050	NX2	Location ID Component	O	>1
N/U	4100	REF	Reference Identification	O	12
N/U	4200	PER	Administrative Communications Contact	O	3
N/U	4250	SI	Service Characteristic Identification	O	>1
N/U	4260	DTM	Date/Time Reference	O	1
N/U	4300	FOB	F.O.B. Related Instructions	O	1
N/U	4350	SCH	Line Item Schedule	O	200
N/U	4400	TD1	Carrier Details (Quantity and Weight)	O	2
N/U	4500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
N/U	4600	TD3	Carrier Details (Equipment)	O	12
N/U	4700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
N/U	4750	QTY	Quantity	O	>1
N/U	4800	PKG	Marking, Packaging, Loading	O	25
<b>LOOP ID - PO1/SLN</b>					<b>1000</b>
1107	4900	SLN	Subline Item Detail	O	1
N/U	4950	MTX	Text	O	>1
N/U	5000	SI	Service Characteristic Identification	O	>1
N/U	5100	PID	Product/Item Description	O	1000
N/U	5200	PO3	Additional Item Detail	O	25
N/U	5220	CTP	Pricing Information	O	25
N/U	5230	PAM	Period Amount	O	10
N/U	5300	ACK	Line Item Acknowledgment	O	104
<b>LOOP ID - PO1/SLN/SAC</b>					<b>10</b>
N/U	5400	SAC	Service, Promotion, Allowance, or Charge Information	O	1
N/U	5450	CUR	Currency	O	1
N/U	5500	DTM	Date/Time Reference	O	10
N/U	5540	PO4	Item Physical Details	O	1
N/U	5570	TAX	Tax Reference	O	3
N/U	5580	ADV	Advertising Demographic Information	O	>1
<b>LOOP ID - PO1/SLN/QTY</b>					<b>&gt;1</b>
N/U	5590	QTY	Quantity	O	1
N/U	5610	SI	Service Characteristic Identification	O	>1
<b>LOOP ID - PO1/SLN/N9</b>					<b>&gt;1</b>
N/U	5630	N9	Reference Identification	O	1
N/U	5640	DTM	Date/Time Reference	O	>1
N/U	5650	MTX	Text	O	>1
<b>LOOP ID - PO1/SLN/N1</b>					<b>10</b>
N/U	5760	N1	Name	O	1
N/U	5780	N2	Additional Name Information	O	2
N/U	5790	IN2	Individual Name Structure Components	O	>1
N/U	5800	N3	Address Information	O	2
N/U	5900	N4	Geographic Location	O	1
N/U	6000	NX2	Location ID Component	O	>1
N/U	6100	REF	Reference Identification	O	12
N/U	6200	PER	Administrative Communications Contact	O	3
N/U	6250	SI	Service Characteristic Identification	O	>1

## Summary

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
			<b>LOOP ID - CTT</b>			<b>1</b>
1112	0100	CTT	Transaction Totals	O	1	
N/U	0200	AMT	Monetary Amount	O	1	
1113	0300	SE	Transaction Set Trailer	M	1	

VICS EDI

# 855 Purchase Order Acknowledgment

## Header

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
1050	0100	ST	Transaction Set Header	M	1	
1051	0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1	
1054	0400	CUR	Currency	O	1	
1057	0500	REF	Reference Identification	O	>1	
1058	0600	PER	Administrative Communications Contact	O	3	
1059	0700	TAX	Tax Reference	O	>1	
1061	0800	FOB	F.O.B. Related Instructions	O	>1	
<b>LOOP ID - SAC</b>						<b>25</b>
1063	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
1066	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	5	
1068	1500	DTM	Date/Time Reference	O	10	
1069	1900	PID	Product/Item Description	O	200	
1071	2200	PKG	Marking, Packaging, Loading	O	25	
1073	2500	TD3	Carrier Details (Equipment)	O	12	
<b>LOOP ID - N1</b>						<b>200</b>
1075	3000	N1	Name	O	1	
1077	3100	N2	Additional Name Information	O	2	
1078	3200	N3	Address Information	O	2	
1079	3300	N4	Geographic Location	O	1	

## Detail

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
<b>LOOP ID - PO1</b>						<b>100000</b>
1080	0100	PO1	Baseline Item Data	O	1	
1084	0400	CTP	Pricing Information	O	>1	
<b>LOOP ID - PO1/PID</b>						<b>1000</b>
1087	0500	PID	Product/Item Description	O	1	
1089	0900	PO4	Item Physical Details	O	>1	
<b>LOOP ID - PO1/SAC</b>						<b>25</b>
1092	1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
1095	1900	SDQ	Destination Quantity	O	500	
<b>LOOP ID - PO1/ACK</b>						<b>104</b>
1097	2700	ACK	Line Item Acknowledgment	O	1	
<b>LOOP ID - PO1/PKG</b>						<b>200</b>
1101	3030	PKG	Marking, Packaging, Loading	O	1	
<b>LOOP ID - PO1/N1</b>						<b>200</b>
1103	3700	N1	Name	O	1	
1104	3800	N2	Additional Name Information	O	2	
1105	3900	N3	Address Information	O	2	



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

1106	4000	N4	Geographic Location	O	1	
<b>LOOP ID - PO1/SLN</b>						<b>1000</b>
1107	4900	SLN	Subline Item Detail	O	1	

## Summary

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
<b>LOOP ID - CTT</b>						<b>1</b>
1112	0100	CTT	Transaction Totals	O	1	
1113	0300	SE	Transaction Set Trailer	M	1	

### Transaction Set Notes:

- 1/1800** If segment LIN is used, do not use LIN01.
- 2/0100** PO102 is required.
- 2/2930** If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.
- 2/3100** The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
- 3/0100** The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
- 3/0200** If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

**Segment: ST Transaction Set Header**

**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	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 855 Purchase Order Acknowledgment	M ID 3/3
➤	ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set  <b>The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.</b>	M AN 4/9
	ST03	1705	<b>Implementation Convention Reference</b> Reference assigned to identify Implementation Convention  <b>NOT USED BY THE RETAIL INDUSTRY</b>	O AN 1/35

**Segment: BAK Beginning Segment for Purchase Order Acknowledgment**

**Level:** Header

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

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

- Semantic:**
- 1 BAK04 is the date assigned by the purchaser to purchase order.
  - 2 BAK08 is the seller's order number.
  - 3 BAK09 is the date assigned by the sender to the acknowledgment.

**Notes:** When notifying a retailer of a vendor-generated replenishment order, either code 00 or 16 is used in BAK01 and code AP is used in BAK02. When acknowledging a retailer's purchase order, code 00 is used in BAK01 and either code AD or AK is used in BAK02.

When changing a vendor-generated replenishment order, code 05 is used in BAK01 and code AP is used in BAK02. When acknowledging a retailer's purchase order with change, code 19 is used in BAK01 and either code AC or AE is used in BAK02.

When canceling a vendor-generated replenishment order, code 01 is used in BAK01 and code AP is used in BAK02. When acknowledging a retailer's purchase order with a cancellation, code 01 is used in BAK01 and code RJ is used in BAK02.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
BAK01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	M ID 2/2
		00 Original	
		NOTIFICATION: If XQ01, in Transaction Set 852, contains code G, BAK01 will contain code 00.	
		ACKNOWLEDGMENT: This is the original acknowledgment.	
		01 Cancellation	
		NOTIFICATION: Cancel the vendor-generated replenishment order. The canceled purchase order number is not available for reuse until reissued within the normal business cycle.	
		ACKNOWLEDGMENT: Cancels the retailer's purchase order.	
		05 Replace	
		NOTIFICATION: The previously transmitted vendor-generated replenishment order has changed and should be replaced (re-transmitted) in its entirety.	
		ACKNOWLEDGMENT: This code is not valid for regular acknowledgments.	
		16 Proposed	
		NOTIFICATION: If XQ01, in Transaction Set 852, contains code F, BAK01 will contain code 16.	
		ACKNOWLEDGMENT: This code is not valid for regular acknowledgments.	
		19 Seller initiated change	
		NOTIFICATION: This code is not valid for notification of vendor-generated replenishment orders.	
		ACKNOWLEDGMENT: Change the retailer's purchase order.	

			27	Verify				
					<b>NOTIFICATION:</b> This code is not valid for notification of vendor-generated replenishment orders.			
					<b>ACKNOWLEDGMENT:</b> This code is used only by the alcohol beverage industry to identify price/allowance discrepancies.			
			48	Suspended				
					<b>NOTIFICATION:</b> This code is not valid for notification of vendor-generated replenishment orders.			
					<b>ACKNOWLEDGMENT:</b> This code is used only by the alcohol beverage industry to indicate a previously transmitted purchase order is incorrect and that processing has been suspended until a correction is received.			
➤	BAK02	587		<b>Acknowledgment Type</b>		M	ID	2/2
				Code specifying the type of acknowledgment				
					<b>Codes AC, AD, AE, AK and RJ may be used only for acknowledgments to a retailer's purchase order. Code AP may only be used to indicate a vendor-generated replenishment acknowledgment (notification).</b>			
				<b>AC</b> Acknowledge - With Detail and Change				
					<b>Full purchase order detail must be transmitted</b>			
				<b>AD</b> Acknowledge - With Detail, No Change				
				<b>AE</b> Acknowledge - With Exception Detail Only				
					<b>Only transmit details of change</b>			
				<b>AH</b> Acknowledge - Hold Status				
					<b>Used only by the alcohol beverage industry</b>			
				<b>AK</b> Acknowledge - No Detail or Change				
				<b>AP</b> Acknowledge - Product Replenishment				
				<b>AT</b> Accepted				
					<b>Used only by the alcohol beverage industry</b>			
				<b>RF</b> Reject with Exception Detail Only				
					<b>Used only by the alcohol beverage industry</b>			
				<b>RJ</b> Rejected - No Detail				
➤	BAK03	324		<b>Purchase Order Number</b>		M	AN	1/22
				Identifying number for Purchase Order assigned by the orderer/purchaser				
					<b>NOTIFICATION:</b> Purchase order numbers are negotiable as part of trading partner relationships and can be pre-assigned in XPO01 or XPO02 in Transaction Set 852.			
➤	BAK04	373		<b>Date</b>		M	DT	8/8
				Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
					<b>NOTIFICATION:</b> The date the replenished order was created from the suppliers modeling system			
	BAK05	328		<b>Release Number</b>		O	AN	1/30
				Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction				
					<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	BAK06	326		<b>Request Reference Number</b>		O	AN	1/45
				Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)				
					<b>NOT USED BY THE RETAIL INDUSTRY</b>			
	BAK07	367		<b>Contract Number</b>		O	AN	1/30
				Contract number				
	BAK08	127		<b>Reference Identification</b>		O	AN	1/50
				Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
					<b>NOT USED BY THE RETAIL INDUSTRY</b>			

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

---

**BAK09 373 Date** **O DT 8/8**  
Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

**NOT USED BY THE RETAIL INDUSTRY**

**BAK10 640 Transaction Type Code** **O ID 2/2**  
Code specifying the type of transaction

**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.

**Comments: A** See Figures Appendix for examples detailing the use of the CUR segment.

**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  
IMPLEMENTATION GUIDELINES FOR EDI**

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

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

---

**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: >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.

Notes: **There must be one occurrence of this segment to specify the retailer's department number, if the retailer has department numbers. Additional segments may be used to specify other reference numbers.**

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification <b>DP</b> Department Number <b>IA</b> Internal Vendor Number <b>Identification number assigned to the vendor, by the retailer, for use within the retailer's system</b> <b>IT</b> Internal Customer Number <b>Identification number assigned to the retailer, by the vendor, for use within the vendor's system</b> <b>IV</b> Seller's Invoice Number <b>VN</b> Vendor Order Number	<b>M ID 2/3</b>
➤ REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>C AN 1/50</b>
REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C AN 1/80</b>
REF04	C040	<b>REFERENCE IDENTIFIER</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>O COMPOSITE</b>

**Segment: 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.

**Notes:** This segment is used only by the alcohol beverage industry.

**Data Element Summary**

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

**Segment:** **TAX** Tax Reference  
**Level:** Header  
**Loop:** \_\_\_  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction  
**Syntax:** 1 **R0103**  
 At least one of TAX01 or TAX03 is required.  
 2 **P0203**  
 If either TAX02 or TAX03 is present, then the other is required.  
 3 **P0405**  
 If either TAX04 or TAX05 is present, then the other is required.  
 4 **P0607**  
 If either TAX06 or TAX07 is present, then the other is required.  
 5 **P0809**  
 If either TAX08 or TAX09 is present, then the other is required.  
 6 **P1011**  
 If either TAX10 or TAX11 is present, then the other is required.  
**Comments:** A Tax ID number is, in many instances, referred to as a Tax Exemption Number. The paired (combined) use of data elements 309 and 310 provides for the designation of five taxing jurisdictions.  
 B TAX01 is required if tax exemption is being claimed.  
**Notes:** **This segment is used only by the alcohol beverage industry.**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TAX01	325	<b>Tax Identification Number</b> Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number <b>Tax exemption number</b>	C AN 1/20
TAX02	309	<b>Location Qualifier</b> Code identifying type of location <b>See External Code Source 206 in Section III for reference document.</b> 93 Sender's Location Code	C ID 1/2
TAX03	310	<b>Location Identifier</b> Code which identifies a specific location	C AN 1/30
TAX04	309	<b>Location Qualifier</b> Code identifying type of location <b>NOT USED BY THE RETAIL INDUSTRY</b>	C ID 1/2
TAX05	310	<b>Location Identifier</b> Code which identifies a specific location <b>NOT USED BY THE RETAIL INDUSTRY</b>	C AN 1/30
TAX06	309	<b>Location Qualifier</b> Code identifying type of location <b>NOT USED BY THE RETAIL INDUSTRY</b>	C ID 1/2
TAX07	310	<b>Location Identifier</b> Code which identifies a specific location <b>NOT USED BY THE RETAIL INDUSTRY</b>	C AN 1/30
TAX08	309	<b>Location Qualifier</b> Code identifying type of location <b>NOT USED BY THE RETAIL INDUSTRY</b>	C ID 1/2

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

<b>TAX09</b>	<b>310</b>	<b>Location Identifier</b> Code which identifies a specific location	<b>C AN 1/30</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>TAX10</b>	<b>309</b>	<b>Location Qualifier</b> Code identifying type of location	<b>C ID 1/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>TAX11</b>	<b>310</b>	<b>Location Identifier</b> Code which identifies a specific location	<b>C AN 1/30</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>TAX12</b>	<b>441</b>	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax	<b>O ID 1/1</b>
1 Yes (Tax Exempt)			
<b>Tax paid</b>			
2 No (Not Tax Exempt)			
<b>In bond</b>			
<b>TAX13</b>	<b>1179</b>	<b>Customs Entry Type Group Code</b> Code identifying a group of entry types as filed with U.S. Customs when goods enter the country	<b>O ID 1/1</b>
<b>C</b> Consumption Entry			
<b>Buyer is responsible for paying taxes on imported goods at point of entry</b>			
<b>W</b> Warehouse Entry			
<b>Seller is responsible for paying taxes on imported goods at point of entry</b>			

**Segment:** **FOB** F.O.B. Related Instructions  
**Level:** Header  
**Loop:** \_\_\_  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify transportation instructions relating to shipment

- Syntax:**
- 1 **C0302**  
If FOB03 is present, then FOB02 is required.
  - 2 **C0405**  
If FOB04 is present, then FOB05 is required.
  - 3 **C0706**  
If FOB07 is present, then FOB06 is required.
  - 4 **C0809**  
If FOB08 is present, then FOB09 is required.

- Semantic:**
- 1 FOB01 indicates which party will pay the carrier.
  - 2 FOB02 is the code specifying transportation responsibility location.
  - 3 FOB06 is the code specifying the title passage location.
  - 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

**Notes:** This segment is used only by the alcohol beverage industry.

**Data Element Summary**

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

**FF** Foreign Freight Forwarder Location  
**MI** Mill  
**NS** City/State from Points  
**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  
**W** Worldwide Geographic Location Code  
**WH** Warehouse

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

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

**Level:** Header

**Loop:** SAC      **Usage:** Optional      **Max Use:** 25

**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 header area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the header area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.**

**SAC04 contains special service requirement codes and special processing codes. This code list is maintained by the VICS EDI SMC and is located in Section III of this guideline.**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
➤ SAC01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge R Allowance Request	M	ID	1/1
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b> Code identifying the service, promotion, allowance, or charge <b>See Section III for code list.</b>	C	ID	4/4
SAC03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values VI Voluntary Inter-Industry Commerce Standard (VICS) EDI <b>See External Code Source 70 in Section III for reference document.</b>	C	ID	2/2
SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b> Agency maintained code identifying the service, promotion, allowance, or charge <b>See Section III for code list.</b>	C	AN	1/10
SAC05	610	<b>Amount</b> Monetary amount <b>When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.</b>	O	N2	1/15
SAC06	378	<b>Allowance/Charge Percent Qualifier</b> Code indicating on what basis allowance or charge percent is calculated 1 Item List Cost 2 Item Net Cost 3 Discount/Gross <b>All allowances are off the gross price including cash discount.</b> 4 Discount/Net <b>All allowances are off the gross price. Cash discounts are off the net.</b> 5 Base Price per Unit <b>Line item discount</b> 6 Base Price Amount 7 Base Price Amount Less Previous Discount <b>Declining balance method</b>	C	ID	1/1
SAC07	332	<b>Percent</b> Percent expressed as a percent <b>The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".</b>	C	R	1/6
SAC08	118	<b>Rate</b> Rate expressed in the standard monetary denomination for the currency specified	O	R	1/9
SAC09	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	C	ID	2/2



<b>SAC10</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>C</b>	<b>R</b>	<b>1/15</b>
<p><b>When SAC02 contains code D170, this data element is required and will contain the quantity of free goods. The unit of measure is in SAC09.</b></p> <p><b>SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to the service, promotion, allowance, or charge.</b></p>					
<b>SAC11</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>O</b>	<b>R</b>	<b>1/15</b>
<b>SAC12</b>	<b>331</b>	<b>Allowance or Charge Method of Handling Code</b> Code indicating method of handling for an allowance or charge	<b>O</b>	<b>ID</b>	<b>2/2</b>
<p><b>01 Bill Back</b></p> <p><b>The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.</b></p> <p><b>02 Off Invoice</b></p> <p><b>The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.</b></p> <p><b>03 Vendor Check to Customer</b></p> <p><b>The vendor will issue a check directly to the customer of the retailer, or end consumer, for the allowance or charge amount. The amount is not reflected in the total invoice amount.</b></p> <p><b>04 Credit Customer Account</b></p> <p><b>The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.</b></p> <p><b>05 Charge to be Paid by Vendor</b></p> <p><b>The vendor is responsible for the allowance or charge amount. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.</b></p> <p><b>06 Charge to be Paid by Customer</b></p> <p><b>When the order/item is a direct ship to the customer, or end consumer of the retailer, the allowance or charge amount is the responsibility of the customer or end consumer. If it is not a drop ship to the customer of the retailer, then the allowance or charge amount is the responsibility of the retailer. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.</b></p>					
<b>SAC13</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>C</b>	<b>AN</b>	<b>1/50</b>
<b>SAC14</b>	<b>770</b>	<b>Option Number</b> A unique number identifying available promotion or allowance options when more than one is offered	<b>O</b>	<b>AN</b>	<b>1/20</b>
<b>SAC15</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>C</b>	<b>AN</b>	<b>1/80</b>
<b>SAC16</b>	<b>819</b>	<b>Language Code</b> Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	<b>O</b>	<b>ID</b>	<b>2/3</b>
<p><b>See External Code Source 102 in Section III for reference document.</b></p>					

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

**Level:** Header

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

**Usage:** Optional

**Max Use:** 5

**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.

This segment is used only to modify previously agreed upon terms of sale with consent of both parties.

This segment is used only by the alcohol beverage industry.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms	O ID 2/2
		02 End of Month (EOM)	
		04 Deferred or Installment	
		05 Discount Not Applicable	
		08 Basic Discount Offered	
		09 Proximo	
		12 10 Days After End of Month (10 EOM)	
		14 Previously agreed upon	
		21 Fast Pay	
		Purchase order is subject to anticipation.	
ITD02	333	<b>Terms Basis Date Code</b> Code identifying the beginning of the terms period	O ID 1/2
		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	

RETAIL INDUSTRY CONVENTIONS AND  
IMPLEMENTATION GUIDELINES FOR EDI

ITD03	338	<b>Terms Discount Percent</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date <b>The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".</b>	O	R	1/6
ITD04	370	<b>Terms Discount Due Date</b> Date payment is due if discount is to be earned expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	C	DT	8/8
ITD05	351	<b>Terms Discount Days Due</b> Number of days in the terms discount period by which payment is due if terms discount is earned <b>The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</b>	C	NO	1/3
ITD06	446	<b>Terms Net Due Date</b> Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8
ITD07	386	<b>Terms Net Days</b> Number of days until total invoice amount is due (discount not applicable) <b>The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</b>	O	NO	1/3
ITD08	362	<b>Terms Discount Amount</b> Total amount of terms discount	O	N2	1/10
ITD09	388	<b>Terms Deferred Due Date</b> Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8
ITD10	389	<b>Deferred Amount Due</b> Deferred amount due for payment	C	N2	1/10
ITD11	342	<b>Percent of Invoice Payable</b> Amount of invoice payable expressed in percent <b>The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".</b>	C	R	1/5
ITD12	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O	AN	1/80
ITD13	765	<b>Day of Month</b> The numeric value of the day of the month between 1 and the maximum day of the month being referenced	C	NO	1/2
ITD14	107	<b>Payment Method Code</b> Code identifying type of payment procedures C Pay By Check E Electronic Payment System <b>Funding will be transferred electronically directly to a trading partner (bank)</b> L Letter of Credit T Wire Transfer <b>Funding will be transferred electronically to a financial partner</b>	O	ID	1/2
ITD15	954	<b>Percent</b> Percentage expressed as a decimal <b>NOT USED BY THE RETAIL INDUSTRY</b>	O	R	1/10

**Segment: DTM Date/Time Reference**

**Level:** Header

**Loop:** —

**Usage:** Optional

**Max Use:** 10

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

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

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

2 **C0403**

If DTM04 is present, then DTM03 is required.

3 **P0506**

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

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

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	<b>M ID 3/3</b>
		<b>001</b> Cancel After If the order has not been shipped by this date, the order is considered canceled	
		<b>002</b> Delivery Requested	
		<b>007</b> Effective For terms	
		<b>009</b> Process Date and time transaction was generated Used only by the alcohol beverage industry	
		<b>010</b> Requested Ship	
		<b>068</b> Current Schedule Ship	
		<b>086</b> Scheduled for Shipment (Week of)	
		<b>118</b> Requested Pick-up Pick-up date for backhaul	
➤ DTM02	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	<b>C DT 8/8</b>
DTM03	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) Used only by the alcohol beverage industry	<b>C TM 4/8</b>
DTM04	623	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow NOT USED BY THE RETAIL INDUSTRY	<b>O ID 2/2</b>
DTM05	1250	<b>Date Time Period Format Qualifier</b> Code indicating the date format, time format, or date and time format NOT USED BY THE RETAIL INDUSTRY	<b>C ID 2/3</b>
DTM06	1251	<b>Date Time Period</b> Expression of a date, a time, or range of dates, times or dates and times NOT USED BY THE RETAIL INDUSTRY	<b>C AN 1/35</b>

**Segment: PID Product/Item Description**

**Level:** Header

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

**Usage:** Optional

**Max Use:** 200

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

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

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

- Comments:**
- A** If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
  - B** Use PID06 when necessary to refer to the product surface or layer being described in the segment.
  - C** PID07 specifies the individual code list of the agency specified in PID03.

**Data Element Summary**

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

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

---

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

**Segment: PKG Marking, Packaging, Loading**

**Level:** Header

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

**Usage:** Optional

**Max Use:** 25

**Purpose:** To describe marking, packaging, loading, and unloading requirements

**Syntax:** 1 **R040506**

At least one of PKG04, PKG05 or PKG06 is required.

2 **C0403**

If PKG04 is present, then PKG03 is required.

3 **C0501**

If PKG05 is present, then PKG01 is required.

**Semantic:** 1 PKG04 should be used for industry-specific packaging description codes.

**Comments:** A Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.

B If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.

C Use PKG03 to indicate the organization that publishes the code list being referred to.

D Special marking or tagging data can be given in PKG05 (description).

**Notes:** This segment is used only by the alcohol beverage industry.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PKG01	349	<b>Item Description Type</b> Code indicating the format of a description <b>NOT USED BY THE RETAIL INDUSTRY</b>	C ID 1/1
PKG02	753	<b>Packaging Characteristic Code</b> Code specifying the marking, packaging, loading and related characteristics being described <b>NOT USED BY THE RETAIL INDUSTRY</b>	O ID 1/5
PKG03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values <b>NOT USED BY THE RETAIL INDUSTRY</b>	C ID 2/2
PKG04	754	<b>Packaging Description Code</b> A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product <b>NOT USED BY THE RETAIL INDUSTRY</b>	C AN 1/7
PKG05	352	<b>Description</b> A free-form description to clarify the related data elements and their content <b>NOT USED BY THE RETAIL INDUSTRY</b>	C AN 1/80
PKG06	400	<b>Unit Load Option Code</b> Code identifying loading or unloading a shipment 01 Palletized 02 Floor Stack/Hand Pile 03 Mixed 04 Slip Sheet 05 Module 06 Clampable 07 Bop Sheet 08 Airbag/Slipsheet Combination	C ID 2/2

- 09** Thermal Blanket (Cargo Quilt)
- 10** Shrink-wrap
- 11** Loadlock



**Segment:** **TD3 Carrier Details (Equipment)**  
**Level:** Header  
**Loop:** \_\_\_  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify transportation details relating to the equipment used by the carrier  
**Syntax:** 1 **E0110**  
 Only one of TD301 or TD310 may be present.  
 2 **C0203**  
 If TD302 is present, then TD303 is required.  
 3 **C0405**  
 If TD304 is present, then TD305 is required.  
 4 **P0506**  
 If either TD305 or TD306 is present, then the other is required.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
TD301	40	<b>Equipment Description Code</b> Code identifying type of equipment used for shipment	C	ID	2/2
		2B 20 ft. IL Container (Closed Top)			
		4B 40 ft. IL Container (Closed Top)			
		AT Closed Container (Controlled Temperature)			
		CI Container, Insulated			
		CK Container, Heated/Insulated/Ventilated			
		CN Container			
		CV Closed Van			
		CZ Refrigerated Container			
		FT Flat Bed Trailer			
		RC Refrigerated (Reefer) Car			
		RT Controlled Temperature Trailer (Reefer)			
		TA Trailer, Heated/Insulated/Ventilated			
		TL Trailer (not otherwise specified)			
TD302	206	<b>Equipment Initial</b> Prefix or alphabetic part of an equipment unit's identifying number	O	AN	1/4
		<b>NOT USED BY THE RETAIL INDUSTRY</b>			
TD303	207	<b>Equipment Number</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	C	AN	1/10
		<b>NOT USED BY THE RETAIL INDUSTRY</b>			
TD304	187	<b>Weight Qualifier</b> Code defining the type of weight	O	ID	1/2
		<b>NOT USED BY THE RETAIL INDUSTRY</b>			
TD305	81	<b>Weight</b> Numeric value of weight	C	R	1/10
		<b>NOT USED BY THE RETAIL INDUSTRY</b>			
TD306	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2
		<b>NOT USED BY THE RETAIL INDUSTRY</b>			
TD307	102	<b>Ownership Code</b> Code indicating the relationship of equipment to carrier or ownership of equipment	O	ID	1/1
		<b>NOT USED BY THE RETAIL INDUSTRY</b>			

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

---

<b>TD308</b>	<b>407</b>	<b>Seal Status Code</b> Code indicating condition of door seal upon arrival	<b>O</b>	<b>ID</b>	<b>2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>TD309</b>	<b>225</b>	<b>Seal Number</b> Unique number on seal used to close a shipment	<b>O</b>	<b>AN</b>	<b>2/15</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>TD310</b>	<b>24</b>	<b>Equipment Type</b> Code identifying equipment type	<b>C</b>	<b>ID</b>	<b>4/4</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					

**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:** The SDQ segment specifies the retailer's buying locations. Therefore, code BY is not used in the N1 segment for the spreadsheet purchase order.

It is assumed the supplier has the bill-to and ship-to data for all of the retailer's buying locations. Therefore, this segment is normally not used. If either the bill-to or ship-to locations are to be overridden, this segment is used to specify those locations. CAUTION, this will override every bill to or ship to for every buying location in the SDQ segments.

N103 and N104 are required except when N101 contains code MA or OB.

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

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual	<b>M ID 2/3</b>
		<b>BS</b> Bill and Ship To	
		<b>BT</b> Bill-to-Party	
		<b>BY</b> Buying Party (Purchaser)	
		<b>FR</b> Message From	
		<b>MA</b> Party for whom Item is Ultimately Intended	
		<b>Ultimate receiver</b>	
		<b>OB</b> Ordered By	
		<b>Customer of retailer</b>	
		<b>SF</b> Ship From	
		<b>ST</b> Ship To	
		<b>TO</b> Message To	
N102	93	<b>Name</b> Free-form name	<b>C AN 1/60</b>

<b>N103</b>	<b>66</b>	<p><b>Identification Code Qualifier</b> <span style="float: right;"><b>C ID 1/2</b></span>  Code designating the system/method of code structure used for Identification Code (67)</p> <p><b>1</b> D-U-N-S Number, Dun &amp; Bradstreet  <b>See External Code Source 16 in Section III for reference document.</b></p> <p><b>9</b> D-U-N-S+4, D-U-N-S Number with Four Character Suffix  <b>See External Code Source 16 in Section III for reference document.</b></p> <p><b>14</b> UCC/EAN Location Code Prefix  <b>This code may be used only if the UCC/EAN Location Code Suffix is being used in the SDQ segment(s).</b>  <b>See External Code Source 583 in Section III for reference document.</b></p> <p><b>21</b> Health Industry Number (HIN)  <b>See External Code Source 121 in Section III for reference document.</b></p> <p><b>91</b> Assigned by Seller or Seller's Agent</p> <p><b>92</b> Assigned by Buyer or Buyer's Agent</p> <p><b>93</b> Code assigned by the organization originating the transaction set</p> <p><b>94</b> Code assigned by the organization that is the ultimate destination of the transaction set</p> <p><b>UL</b> UCC/EAN Location Code  <b>See External Code Source 583 in Section III for reference document.</b></p>
<b>N104</b>	<b>67</b>	<p><b>Identification Code</b> <span style="float: right;"><b>C AN 2/80</b></span>  Code identifying a party or other code</p> <p><b>This is the location code as defined by N103. The location code may be a formal number, e.g., DUNS, or it may be assigned by either the buyer or seller. The location refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses.</b></p>
<b>N105</b>	<b>706</b>	<p><b>Entity Relationship Code</b> <span style="float: right;"><b>O ID 2/2</b></span>  Code describing entity relationship</p> <p><b>NOT USED BY THE RETAIL INDUSTRY</b></p>
<b>N106</b>	<b>98</b>	<p><b>Entity Identifier Code</b> <span style="float: right;"><b>O ID 2/3</b></span>  Code identifying an organizational entity, a physical location, property or an individual</p> <p><b>NOT USED BY THE RETAIL INDUSTRY</b></p>

**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	<b>Name</b> Free-form name	M	AN	1/60
N202	93	<b>Name</b> 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		
➤ <b>N301</b>	<b>166</b>	<b>Address Information</b>	<b>M</b>	<b>AN</b>	<b>1/55</b>
		Address information			
<b>N302</b>	<b>166</b>	<b>Address Information</b>	<b>O</b>	<b>AN</b>	<b>1/55</b>
		Address information			

**Segment: N4 Geographic Location**

**Level:** Header

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

**Segment: PO1 Baseline Item Data**

**Level:** Detail

**Loop:** PO1      **Usage:** Optional      **Max Use:** 100000

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify basic and most frequently used line item data

**Syntax:** 1 **C0302**

If PO103 is present, then PO102 is required.

2 **C0504**

If PO105 is present, then PO104 is required.

3 **P0607**

If either PO106 or PO107 is present, then the other is required.

4 **P0809**

If either PO108 or PO109 is present, then the other is required.

5 **P1011**

If either PO110 or PO111 is present, then the other is required.

6 **P1213**

If either PO112 or PO113 is present, then the other is required.

7 **P1415**

If either PO114 or PO115 is present, then the other is required.

8 **P1617**

If either PO116 or PO117 is present, then the other is required.

9 **P1819**

If either PO118 or PO119 is present, then the other is required.

10 **P2021**

If either PO120 or PO121 is present, then the other is required.

11 **P2223**

If either PO122 or PO123 is present, then the other is required.

12 **P2425**

If either PO124 or PO125 is present, then the other is required.

**Comments:** A See the Data Element Dictionary for a complete list of IDs.

B PO101 is the line item identification.

C PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

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

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

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
	PO101	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
➤	PO102	<b>Quantity Ordered</b> Quantity ordered	C R 1/15
➤	PO103	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2

See Section III for code list.



<b>PO104</b>	<b>212</b>	<p><b>Unit Price</b> Price per unit of product, service, commodity, etc.</p> <p><b>The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".</b></p> <p><b>To indicate a no charge item or free goods, PO104 will contain a single zero (0) and PO105 will contains code NC.</b></p>	<b>C R 1/17</b>
<b>PO105</b>	<b>639</b>	<p><b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item</p> <p><b>This data element is used to clarify or alter the basis of unit price. The unit price expressed in PO104 is always in the same terms as the unit of measure in PO103, unless otherwise specified in PO105.</b></p> <ul style="list-style-type: none"> <li><b>LD</b> Catalog Price per Dozen</li> <li><b>LE</b> Catalog Price per Each</li> <li><b>NC</b> No Charge</li> <li><b>PO</b> Price per Ounce</li> <li><b>PP</b> Price per Pound</li> <li><b>PR</b> Promotion</li> <li><b>QT</b> Quoted</li> <li><b>RD</b> Retail Price per Dozen</li> <li><b>RE</b> Retail Price per Each</li> <li><b>TD</b> Contract Price per Dozen</li> <li><b>TE</b> Contract Price per Each</li> <li><b>WD</b> Wholesale Price per Dozen</li> <li><b>WE</b> Wholesale Price per Each</li> </ul>	<b>O ID 2/2</b>
<b>PO106</b>	<b>235</b>	<p><b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <ul style="list-style-type: none"> <li><b>BO</b> Buyers Color</li> <li><b>CG</b> Commodity Grouping <b>Coordinates</b></li> <li><b>CM</b> National Retail Federation Color Code <b>This is the three digit NRF code.</b> <b>See External Code Source 88 in Section III for reference document.</b></li> <li><b>EN</b> EAN/UCC - 13 <b>See External Code Source 41 in Section III for reference document.</b></li> <li><b>IB</b> International Standard Book Number (ISBN)</li> <li><b>IN</b> Buyer's Item Number</li> <li><b>IT</b> Buyer's Style Number</li> <li><b>IZ</b> Buyer's Size Code</li> <li><b>SM</b> National Retail Federation Size Code <b>This is the five digit NRF code.</b> <b>See External Code Source 88 in Section III for reference document.</b></li> <li><b>SZ</b> Vendor Alphanumeric Size Code <b>This is the code assigned by the vendor.</b></li> <li><b>UA</b> U.P.C./EAN Case Code (2-5-5) <b>See External Code Source 41 in Section III for reference document.</b></li> <li><b>UG</b> Drug U.P.C. Consumer Package Code (1-4-6-1) <b>See External Code Source 136 in Section III for reference document.</b></li> <li><b>UH</b> Drug U.P.C. Shipping Container Code (1-2-4-6-1) <b>See External Code Source 137 in Section III for reference document.</b></li> </ul>	<b>C ID 2/2</b>

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

**See External Code Source 41 in Section III for reference document.**

**UK** EAN/UCC - 14

**See External Code Source 41 in Section III for reference document.**

**UP** UCC - 12

**See External Code Source 41 in Section III for reference document.**

**VA** Vendor's Style Number

**VE** Vendor Color

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

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

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

---

<b>PO124</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>PO125</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>

**Segment: CTP Pricing Information**

**Level:** Detail  
**Loop:** PO1  
**Usage:** Optional  
**Max Use:** >1  
**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.

**Comments:**

- A** See Figures Appendix for an example detailing the use of CTP03 and CTP04.
- B** See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
	<b>CTP01</b>	<b>687 Class of Trade Code</b> Code indicating class of trade <b>AG</b> Agent <b>BG</b> Buying Group <b>DE</b> Dealer <b>DI</b> Distributor <b>RS</b> Resale	<b>O</b>	<b>ID</b>	<b>2/2</b>
➤	<b>CTP02</b>	<b>236 Price Identifier Code</b> Code identifying pricing specification <b>ALT</b> Alternate Price <b>CAT</b> Catalog Price <b>MSR</b> Manufacturer's Suggested Retail <b>OPP</b> Original Purchase Order Price <b>Original unit price</b> <b>PRP</b> Promotional price <b>Promotion/Event</b> <b>RTL</b> Retail <b>UCP</b> Unit cost price <b>Item list cost</b>	<b>C</b>	<b>ID</b>	<b>3/3</b>
➤	<b>CTP03</b>	<b>212 Unit Price</b> Price per unit of product, service, commodity, etc. <b>The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".</b>	<b>C</b>	<b>R</b>	<b>1/17</b>
	<b>CTP04</b>	<b>380 Quantity</b> Numeric value of quantity	<b>C</b>	<b>R</b>	<b>1/15</b>

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

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

<b>CTP06</b>	<b>648</b>	<b>Price Multiplier Qualifier</b> Code indicating the type of price multiplier	<b>O</b>	<b>ID</b>	<b>3/3</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>CTP07</b>	<b>649</b>	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	<b>C</b>	<b>R</b>	<b>1/10</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>CTP08</b>	<b>782</b>	<b>Monetary Amount</b> Monetary amount	<b>O</b>	<b>R</b>	<b>1/18</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>CTP09</b>	<b>639</b>	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item	<b>O</b>	<b>ID</b>	<b>2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>CTP10</b>	<b>499</b>	<b>Condition Value</b> Identifies rate restrictions or provisions	<b>O</b>	<b>AN</b>	<b>1/10</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
<b>CTP11</b>	<b>289</b>	<b>Multiple Price Quantity</b> Quantity of units for a given price, e.g., 3 for \$10.00	<b>O</b>	<b>N0</b>	<b>1/2</b>
<b>This is the quantity contained in a multipack for the retail selling price specified in CTP03, e.g., 3 for \$10.00, when the product will be sold as a multipack.</b>					

**Segment: PID Product/Item Description**

**Level:** Detail

**Loop:** PO1/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 maintained by the VICS EDI SMC and are only printed in this guideline.

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

**Data Element Summary**

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

		73 Vendor color description			
		74 Vendor size description			
		75 Buyer's Color Description			
		91 Buyer's Item Size Description			
PID03	559	<b>Agency Qualifier Code</b>	C	ID	2/2
		Code identifying the agency assigning the code values			
		VI Voluntary Inter-Industry Commerce Standard (VICS) EDI			
		<b>See External Code Source 70 in Section III for reference document.</b>			
PID04	751	<b>Product Description Code</b>	C	AN	1/12
		A code from an industry code list which provides specific data about a product characteristic			
		AC Assorted color prepack Multiple colors, single size			
		AP Assorted prepack Multiple colors, multiple sizes			
		AS Assorted size prepack Multiple sizes, single color			
		OS Size not within normal size range (odd size)			
		PP Product sold only as part of a prepack (assortment)			
		RN Product cannot be reordered			
		RY Product can be reordered			
		SP Single prepack Single color, single size			
		<b>See Section III for VICS EDI Semi-Custom Product Description Codes.</b>			
PID05	352	<b>Description</b>	C	AN	1/80
		A free-form description to clarify the related data elements and their content			
PID06	752	<b>Surface/Layer/Position Code</b>	O	ID	2/2
		Code indicating the product surface, layer or position that is being described			
		<b>This data 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 PO1 segment and the stones in the PID segment.</b>			
		R0 Relative Position 10			
		R1 Relative Position 1			
		R2 Relative Position 2			
		R3 Relative Position 3			
		R4 Relative Position 4			
		R5 Relative Position 5			
		R6 Relative Position 6			
		R7 Relative Position 7			
		R8 Relative Position 8			
		R9 Relative Position 9			
		RA Relative Position 11			
		RB Relative Position 12			
PID07	822	<b>Source Subqualifier</b>	O	AN	1/15
		A reference that indicates the table or text maintained by the Source Qualifier			
		<b>NOT USED BY THE RETAIL INDUSTRY</b>			
PID08	1073	<b>Yes/No Condition or Response Code</b>	O	ID	1/1
		Code indicating a Yes or No condition or response			
		<b>NOT USED BY THE RETAIL INDUSTRY</b>			
PID09	819	<b>Language Code</b>	O	ID	2/3
		Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)			
		<b>See External Code Source 102 in Section III for reference document.</b>			



**Segment: PO4 Item Physical Details**

**Level:** Detail

**Loop:** PO1

**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 can be used also to specify the weight and/or volume (cube) for the item by using PO406 and PO407, and/or PO408 and PO409.

Data Element Summary

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

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

---

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

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

**Level:** Detail

**Loop:** PO1/SAC      **Usage:** Optional      **Max Use:** 25

**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 header area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the header area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.**

**SAC04 contains special service requirement codes and special processing codes. This code list is maintained by the VICS EDI SMC and is located in Section III of this guideline.**

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ SAC01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge R Allowance Request	M ID 1/1
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b> Code identifying the service, promotion, allowance, or charge <b>See Section III for code list.</b>	C ID 4/4
SAC03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values VI Voluntary Inter-Industry Commerce Standard (VICS) EDI <b>See External Code Source 70 in Section III for reference document.</b>	C ID 2/2
SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b> Agency maintained code identifying the service, promotion, allowance, or charge <b>See Section III for code list.</b>	C AN 1/10
SAC05	610	<b>Amount</b> Monetary amount <b>When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.</b>	O N2 1/15
SAC06	378	<b>Allowance/Charge Percent Qualifier</b> Code indicating on what basis allowance or charge percent is calculated 1 Item List Cost 2 Item Net Cost 3 Discount/Gross <b>All allowances are off the gross price including cash discount.</b> 4 Discount/Net <b>All allowances are off the gross price. Cash discounts are off the net.</b> 5 Base Price per Unit <b>Line item discount</b> 6 Base Price Amount 7 Base Price Amount Less Previous Discount <b>Declining balance method</b>	C ID 1/1
SAC07	332	<b>Percent</b> Percent expressed as a percent <b>The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".</b>	C R 1/6
SAC08	118	<b>Rate</b> Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
SAC09	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	C ID 2/2

<b>SAC10</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>C</b>	<b>R</b>	<b>1/15</b>
<p><b>When SAC02 contains code D170, this data element is required and will contain the quantity of free goods. The unit of measure is in SAC09.</b></p> <p><b>SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to the service, promotion, allowance, or charge.</b></p>					
<b>SAC11</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>O</b>	<b>R</b>	<b>1/15</b>
<b>SAC12</b>	<b>331</b>	<b>Allowance or Charge Method of Handling Code</b> Code indicating method of handling for an allowance or charge	<b>O</b>	<b>ID</b>	<b>2/2</b>
<p><b>01 Bill Back</b></p> <p><b>The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.</b></p> <p><b>02 Off Invoice</b></p> <p><b>The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.</b></p> <p><b>03 Vendor Check to Customer</b></p> <p><b>The vendor will issue a check directly to the customer of the retailer, or end consumer, for the allowance or charge amount. The amount is not reflected in the total invoice amount.</b></p> <p><b>04 Credit Customer Account</b></p> <p><b>The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.</b></p> <p><b>05 Charge to be Paid by Vendor</b></p> <p><b>The vendor is responsible for the allowance or charge amount. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.</b></p> <p><b>06 Charge to be Paid by Customer</b></p> <p><b>When the order/item is a direct ship to the customer, or end consumer of the retailer, the allowance or charge amount is the responsibility of the customer or end consumer. If it is not a drop ship to the customer of the retailer, then the allowance or charge amount is the responsibility of the retailer. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.</b></p>					
<b>SAC13</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>C</b>	<b>AN</b>	<b>1/50</b>
<b>SAC14</b>	<b>770</b>	<b>Option Number</b> A unique number identifying available promotion or allowance options when more than one is offered	<b>O</b>	<b>AN</b>	<b>1/20</b>
<b>SAC15</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>C</b>	<b>AN</b>	<b>1/80</b>
<b>SAC16</b>	<b>819</b>	<b>Language Code</b> Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	<b>O</b>	<b>ID</b>	<b>2/3</b>
<p><b>See External Code Source 102 in Section III for reference document.</b></p>					

**Segment: SDQ Destination Quantity**

**Level:** Detail  
**Loop:** PO1  
**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 this segment function as N104. The SDQ segment functions as an N1 segment containing code BY in N101, that is, the SDQ segment specifies various buying locations. The N1 segment, in the basic order, specifies only one location.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	SDQ01	355 <b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>See Section III for code list.</b>	M ID 2/2
➤	SDQ02	66 <b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet <b>See External Code Source 16 in Section III for reference document.</b> 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix <b>See External Code Source 16 in Section III for reference document.</b> 21 Health Industry Number (HIN) <b>See External Code Source 121 in Section III for reference document.</b>	O ID 1/2

**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.

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



**Segment: ACK Line Item Acknowledgment**

**Level:** Detail

**Loop:** PO1/ACK      **Usage:** Optional      **Max Use:** 104

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To acknowledge the ordered quantities and specify the ready date for a specific line item

- Syntax:**
- 1 P0203**  
If either ACK02 or ACK03 is present, then the other is required.
  - 2 C0405**  
If ACK04 is present, then ACK05 is required.
  - 3 P0708**  
If either ACK07 or ACK08 is present, then the other is required.
  - 4 P0910**  
If either ACK09 or ACK10 is present, then the other is required.
  - 5 P1112**  
If either ACK11 or ACK12 is present, then the other is required.
  - 6 P1314**  
If either ACK13 or ACK14 is present, then the other is required.
  - 7 P1516**  
If either ACK15 or ACK16 is present, then the other is required.
  - 8 P1718**  
If either ACK17 or ACK18 is present, then the other is required.
  - 9 P1920**  
If either ACK19 or ACK20 is present, then the other is required.
  - 10 P2122**  
If either ACK21 or ACK22 is present, then the other is required.
  - 11 P2324**  
If either ACK23 or ACK24 is present, then the other is required.
  - 12 P2526**  
If either ACK25 or ACK26 is present, then the other is required.
  - 13 P2728**  
If either ACK27 or ACK28 is present, then the other is required.
  - 14 C282729**  
If ACK28 is present, then ACK27 and ACK29 are required.

**Semantic:** 1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

**Notes:** This segment may be used to indicate that a line item has been accepted, deleted, or changed. Some product production cycles, such as furniture, are long and may have different ship dates than the original purchase order. This segment may be used to inform the originator of the current ship date or that no ship date has been scheduled.

The codes listed for ACK07 apply to every occurrence of Data Element 235 in the ACK segment.

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

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
ACK01	668	Line Item Status Code Code specifying the action taken by the seller on a line item requested by the buyer IA Item Accepted	M ID 2/2

		<b>IC</b> Item Accepted - Changes Made			
		<b>ID</b> Item Deleted			
		<b>Cancellation of a line item</b>			
		<b>IE</b> Item Accepted, Price Pending			
		<b>Used only by the alcohol beverage industry</b>			
		<b>IH</b> Item on Hold			
		<b>Used only by the alcohol beverage industry</b>			
		<b>IP</b> Item Accepted - Price Changed			
		<b>Used only by the alcohol beverage industry</b>			
		<b>IR</b> Item Rejected			
		<b>Used only by the alcohol beverage industry</b>			
<b>ACK02</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>C</b>	<b>R</b>	<b>1/15</b>
		<b>Quantity which the change affects, i.e., the quantity that applies to the dates sent in ACK04 and ACK05</b>			
<b>ACK03</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	<b>C</b>	<b>ID</b>	<b>2/2</b>
		<b>See Section III for code list.</b>			
<b>ACK04</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	<b>O</b>	<b>ID</b>	<b>3/3</b>
		<b>037</b> Ship Not Before			
		<b>068</b> Current Schedule Ship			
		<b>100</b> No Shipping Schedule Established as of			
<b>ACK05</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	<b>C</b>	<b>DT</b>	<b>8/8</b>
<b>ACK06</b>	<b>326</b>	<b>Request Reference Number</b> Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)	<b>O</b>	<b>AN</b>	<b>1/45</b>
		<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK07</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C</b>	<b>ID</b>	<b>2/2</b>
		<b>UK</b> EAN/UCC - 14			
		<b>See External Code Source 41 in Section III for reference document.</b>			
		<b>UP</b> UCC - 12			
		<b>See External Code Source 41 in Section III for reference document.</b>			
		<b>VN</b> Vendor's (Seller's) Item Number			
<b>ACK08</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C</b>	<b>AN</b>	<b>1/48</b>
<b>ACK09</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C</b>	<b>ID</b>	<b>2/2</b>
<b>ACK10</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C</b>	<b>AN</b>	<b>1/48</b>
<b>ACK11</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C</b>	<b>ID</b>	<b>2/2</b>
<b>ACK12</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C</b>	<b>AN</b>	<b>1/48</b>

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

<b>ACK13</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>ACK14</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>ACK15</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK16</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK17</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK18</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK19</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK20</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK21</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK22</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK23</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK24</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK25</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK26</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK27</b>	<b>559</b>	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values	<b>C ID 2/2</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			
<b>ACK28</b>	<b>822</b>	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	<b>C AN 1/15</b>
<b>NOT USED BY THE RETAIL INDUSTRY</b>			

**ACK29 1271 Industry Code** **C AN 1/30**  
Code indicating a code from a specific industry code list  
**NOT USED BY THE RETAIL INDUSTRY**

**Segment: PKG Marking, Packaging, Loading**

**Level:** Detail

**Loop:** PO1/PKG      **Usage:** Optional      **Max Use:** 200

**Usage:** Mandatory

**Max Use:** 1

**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	<b>Item Description Type</b> 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	<b>Packaging Characteristic Code</b> 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 shapes are round, square, flask, etc.	

**PN Promotional Marking**

**Examples of promotional marking are Christmas, Father's Day, Halloween, etc.**

**PKG03 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.**

**PKG04 754 Packaging Description Code** **C AN 1/7**  
A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

**PKG05 352 Description** **C AN 1/80**  
A free-form description to clarify the related data elements and their content

**PKG06 400 Unit Load Option Code** **C ID 2/2**  
Code identifying loading or unloading a shipment

**NOT USED BY THE RETAIL INDUSTRY**

**Segment: N1 Name**

**Level:** Detail

**Loop:** PO1/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:** There can be only one iteration of the N1 loop in the detail area for each PO1 segment.

This segment is used only by the alcohol beverage industry.

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual <b>CN</b> Consignee <b>MA</b> Party for whom Item is Ultimately Intended	<b>M ID 2/3</b>
➤ N102	93	<b>Name</b> Free-form name	<b>C AN 1/60</b>
N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C ID 1/2</b>
N104	67	<b>Identification Code</b> Code identifying a party or other code <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>C AN 2/80</b>
N105	706	<b>Entity Relationship Code</b> Code describing entity relationship <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>O ID 2/2</b>
N106	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual <b>NOT USED BY THE RETAIL INDUSTRY</b>	<b>O ID 2/3</b>

**Segment: N2 Additional Name Information**

**Level:** Detail

**Loop:** PO1/N1

**Usage:** Optional

**Max Use:** 2

**Purpose:** To specify additional names

**Notes:** This segment is used only by the alcohol beverage industry.

**Data Element Summary**

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



**Segment: N3 Address Information**

**Level:** Detail

**Loop:** PO1/N1

**Usage:** Optional

**Max Use:** 2

**Purpose:** To specify the location of the named party

**Notes:** This segment is used only by the alcohol beverage industry.

**Data Element Summary**

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

**Segment: N4 Geographic Location**

**Level:** Detail  
**Loop:** PO1/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.

**Notes:** This segment is used only by the alcohol beverage industry.

**Data Element Summary**

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

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

**Level:** Detail

**Loop:** PO1/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 See the Data Element Dictionary for a complete list of IDs.

B 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.

C 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.

The codes listed for SLN09 apply to every occurrence of Data Element 235 in the SLN segment.

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

Data Element Summary

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

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

- 10	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 11	1018	<b>Exponent</b> Power to which a unit is raised	O	R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 12	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 13	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 14	1018	<b>Exponent</b> Power to which a unit is raised	O	R	1/15
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
- 15	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R	1/10
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
SLN06	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	C	R	1/17
<b>The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".</b>					
<b>To indicate a no charge item or free goods, SLN06 will contain a single zero (0) and SLN07 will contain code NC.</b>					
SLN07	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item	O	ID	2/2
<b>This data element is used to clarify or alter the basis of unit price. The unit price expressed in SLN06 is always in the same terms as the unit of measure in SLN05, unless otherwise specified in SLN07.</b>					
LD Catalog Price per Dozen					
LE Catalog Price per Each					
NC No Charge					
PO Price per Ounce					
PP Price per Pound					
PR Promotion					
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					
SLN08	662	<b>Relationship Code</b> Code indicating the relationship between entities	O	ID	1/1
<b>NOT USED BY THE RETAIL INDUSTRY</b>					
SLN09	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2
BO Buyers Color					
CG Commodity Grouping					
<b>Coordinates</b>					

- CM** National Retail Federation Color Code  
This is the three digit NRF code.  
See External Code Source 88 in Section III for reference document.
- IB** International Standard Book Number (ISBN)
- IN** Buyer's Item Number
- IT** Buyer's Style Number
- IZ** Buyer's Size Code
- SM** National Retail Federation Size Code  
This is the five digit NRF code.  
See External Code Source 88 in Section III for reference document.
- SZ** Vendor Alphanumeric Size Code  
This is the code assigned by the vendor.
- UG** Drug U.P.C. Consumer Package Code (1-4-6-1)  
See External Code Source 136 in Section III for reference document.
- UH** Drug U.P.C. Shipping Container Code (1-2-4-6-1)  
See External Code Source 137 in Section III for reference document.
- UI** U.P.C. Consumer Package Code (1-5-5)  
See External Code Source 41 in Section III for reference document.
- UK** EAN/UCC - 14  
See External Code Source 41 in Section III for reference document.
- UP** UCC - 12  
See External Code Source 41 in Section III for reference document.
- VA** Vendor's Style Number
- VE** Vendor Color
- VN** Vendor's (Seller's) Item Number

<b>SLN10</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN</b>	<b>1/48</b>
<b>SLN11</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID</b>	<b>2/2</b>
<b>SLN12</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN</b>	<b>1/48</b>
<b>SLN13</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID</b>	<b>2/2</b>
<b>SLN14</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN</b>	<b>1/48</b>
<b>SLN15</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID</b>	<b>2/2</b>
<b>SLN16</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN</b>	<b>1/48</b>
<b>SLN17</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID</b>	<b>2/2</b>
<b>SLN18</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN</b>	<b>1/48</b>
<b>SLN19</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID</b>	<b>2/2</b>

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

---

<b>SLN20</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>SLN21</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>SLN22</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>SLN23</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>SLN24</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>SLN25</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>SLN26</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>
<b>SLN27</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>C ID 2/2</b>
<b>SLN28</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>C AN 1/48</b>

**Segment: CTT Transaction Totals**

**Level:** Summary

**Loop:** CTT    **Usage:** Optional    **Max Use:** 1

**Usage:** Mandatory

**Max Use:** 1

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

**Syntax:** 1 **P0304**  
If either CTT03 or CTT04 is present, then the other is required.

2 **P0506**  
If either CTT05 or CTT06 is present, then the other is required.

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

**Data Element Summary**

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
▶ CTT01	354	<b>Number of Line Items</b> Total number of line items in the transaction set <b>The number of PO1 segments present in the transaction set</b>	M NO 1/6
CTT02	347	<b>Hash Total</b> Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. <b>NOT USED BY THE RETAIL INDUSTRY</b>	O R 1/10
CTT03	81	<b>Weight</b> Numeric value of weight <b>NOT USED BY THE RETAIL INDUSTRY</b>	C R 1/10
CTT04	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>NOT USED BY THE RETAIL INDUSTRY</b>	C ID 2/2
CTT05	183	<b>Volume</b> Value of volumetric measure <b>NOT USED BY THE RETAIL INDUSTRY</b>	C R 1/8
CTT06	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>NOT USED BY THE RETAIL INDUSTRY</b>	C ID 2/2
CTT07	352	<b>Description</b> A free-form description to clarify the related data elements and their content <b>NOT USED BY THE RETAIL INDUSTRY</b>	O AN 1/80



**Segment: SE Transaction Set Trailer**

**Level:** Summary

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

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

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

**Data Element Summary**

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

