

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 X12 Transaction Set 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.

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

Header

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
1038	0100	ST	Transaction Set Header	M	1	
1039	0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1	
1042	0400	CUR	Currency	O	1	
1045	0500	REF	Reference Information	O	>1	
1046	0600	PER	Administrative Communications Contact	O	3	
1047	0700	TAX	Tax Reference	O	>1	
1049	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	
LOOP ID - SAC						25
1051	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
N/U	1250	CUR	Currency	O	1	
1054	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	
1056	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	
1058	1900	PID	Product/Item Description	O	200	
N/U	2000	MEA	Measurements	O	40	
N/U	2100	PWK	Paperwork	O	25	
1060	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	
1062	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
LOOP ID - N9					1000
N/U	2800	N9	Extended Reference Information	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
LOOP ID - N1					200
1064	3000	N1	Party Identification	0	1
1066	3100	N2	Additional Name Information	0	2
N/U	3150	IN2	Individual Name Structure Components	0	>1
1067	3200	N3	Party Location	0	2
1068	3300	N4	Geographic Location	0	1
N/U	3350	NX2	Location ID Component	0	>1
N/U	3400	REF	Reference Information	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
LOOP ID - ADV					>1
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
LOOP ID - PO1						100000
1069	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	
1072	0400	CTP	Pricing Information	0	>1	
N/U	0450	PAM	Period Amount	0	10	
N/U	0490	MEA	Measurements	0	40	
LOOP ID - PID						1000
1075	0500	PID	Product/Item Description	0	1	
N/U	0600	MEA	Measurements	0	10	
N/U	0700	PWK	Paperwork	0	25	
1077	0900	PO4	Item Physical Details	0	>1	
N/U	1000	REF	Reference Information	0	>1	

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

N/U	1100	PER	Administrative Communications Contact	0	3
LOOP ID - SAC					25
1080	1300	SAC	Service, Promotion, Allowance, or Charge Information	0	1
N/U	1350	CUR	Currency	0	1
N/U	1400	IT8	Conditions of Sale	0	1
N/U	1420	CSH	Sales Requirements	0	>1
N/U	1500	ITD	Terms of Sale/Deferred Terms of Sale	0	2
N/U	1600	DIS	Discount Detail	0	20
N/U	1650	INC	Installment Information	0	1
N/U	1700	TAX	Tax Reference	0	>1
N/U	1800	FOB	F.O.B. Related Instructions	0	>1
1083	1900	SDQ	Destination Quantity	0	500
N/U	2000	DTM	Date/Time Reference	0	10
N/U	2100	LDT	Lead Time	0	12
N/U	2300	TD1	Carrier Details (Quantity and Weight)	0	1
N/U	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12
N/U	2500	TD3	Carrier Details (Equipment)	0	12
N/U	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5
LOOP ID - ACK					104
1085	2700	ACK	Line Item Acknowledgment	0	1
N/U	2800	DTM	Date/Time Reference	0	1
N/U	2900	MAN	Marks and Numbers	0	10
N/U	2930	AMT	Monetary Amount Information	0	1
N/U	2950	CTB	Restrictions/Conditions	0	>1
N/U	2960	TXI	Tax Information	0	>1
LOOP ID - QTY					>1
N/U	3000	QTY	Quantity Information	0	1
N/U	3020	SI	Service Characteristic Identification	0	>1
LOOP ID - PKG					200
1088	3030	PKG	Marking, Packaging, Loading	0	1
N/U	3050	MEA	Measurements	0	>1
LOOP ID - SCH					200
N/U	3100	SCH	Line Item Schedule	0	1
N/U	3150	TD1	Carrier Details (Quantity and Weight)	0	2
N/U	3200	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12
N/U	3300	TD3	Carrier Details (Equipment)	0	12
N/U	3400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5
N/U	3450	REF	Reference Information	0	>1
LOOP ID - N9					1000
N/U	3500	N9	Extended Reference Information	0	1
N/U	3550	DTM	Date/Time Reference	0	>1
N/U	3600	MTX	Text	0	>1
N/U	3650	PWK	Paperwork	0	>1
N/U	3680	EFI	Electronic Format Identification	0	>1
LOOP ID - N1					200
1090	3700	N1	Party Identification	0	1
1091	3800	N2	Additional Name Information	0	2
N/U	3850	IN2	Individual Name Structure Components	0	>1
1092	3900	N3	Party Location	0	2

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

1093	4000	N4	Geographic Location	0	1
N/U	4050	NX2	Location ID Component	0	>1
N/U	4100	REF	Reference Information	0	12
N/U	4200	PER	Administrative Communications Contact	0	3
N/U	4250	SI	Service Characteristic Identification	0	>1
N/U	4260	DTM	Date/Time Reference	0	1
N/U	4300	FOB	F.O.B. Related Instructions	0	1
N/U	4350	SCH	Line Item Schedule	0	200
N/U	4400	TD1	Carrier Details (Quantity and Weight)	0	2
N/U	4500	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12
N/U	4600	TD3	Carrier Details (Equipment)	0	12
N/U	4700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5
N/U	4750	QTY	Quantity Information	0	>1
N/U	4800	PKG	Marking, Packaging, Loading	0	25
LOOP ID - SLN					1000
1094	4900	SLN	Subline Item Detail	0	1
N/U	4950	MTX	Text	0	>1
N/U	5000	SI	Service Characteristic Identification	0	>1
N/U	5100	PID	Product/Item Description	0	1000
N/U	5200	PO3	Additional Item Detail	0	25
N/U	5210	MEA	Measurements	0	>1
N/U	5220	CTP	Pricing Information	0	25
N/U	5230	PAM	Period Amount	0	10
N/U	5300	ACK	Line Item Acknowledgment	0	104
LOOP ID - SAC					10
N/U	5400	SAC	Service, Promotion, Allowance, or Charge Information	0	1
N/U	5450	CUR	Currency	0	1
N/U	5500	DTM	Date/Time Reference	0	10
N/U	5540	PO4	Item Physical Details	0	1
N/U	5570	TAX	Tax Reference	0	3
N/U	5580	ADV	Advertising Demographic Information	0	>1
LOOP ID - QTY					>1
N/U	5590	QTY	Quantity Information	0	1
N/U	5610	SI	Service Characteristic Identification	0	>1
LOOP ID - N9					>1
N/U	5630	N9	Extended Reference Information	0	1
N/U	5640	DTM	Date/Time Reference	0	>1
N/U	5650	MTX	Text	0	>1
LOOP ID - N1					10
N/U	5760	N1	Party Identification	0	1
N/U	5780	N2	Additional Name Information	0	2
N/U	5790	IN2	Individual Name Structure Components	0	>1
N/U	5800	N3	Party Location	0	2
N/U	5900	N4	Geographic Location	0	1
N/U	6000	NX2	Location ID Component	0	>1
N/U	6100	REF	Reference Information	0	12
N/U	6200	PER	Administrative Communications Contact	0	3
N/U	6250	SI	Service Characteristic Identification	0	>1

Summary

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
			LOOP ID - CTT			1
1098	0100	CTT	Transaction Totals	O	1	
N/U	0200	AMT	Monetary Amount Information	O	1	
1099	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
1038	0100	ST	Transaction Set Header	M	1	
1039	0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1	
1042	0400	CUR	Currency	O	1	
1045	0500	REF	Reference Information	O	>1	
1046	0600	PER	Administrative Communications Contact	O	3	
1047	0700	TAX	Tax Reference	O	>1	
1049	0800	FOB	F.O.B. Related Instructions	O	>1	
LOOP ID - SAC						25
1051	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
1054	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	5	
1056	1500	DTM	Date/Time Reference	O	10	
1058	1900	PID	Product/Item Description	O	200	
1060	2200	PKG	Marking, Packaging, Loading	O	25	
1062	2500	TD3	Carrier Details (Equipment)	O	12	
LOOP ID - N1						200
1064	3000	N1	Party Identification	O	1	
1066	3100	N2	Additional Name Information	O	2	
1067	3200	N3	Party Location	O	2	
1068	3300	N4	Geographic Location	O	1	

Detail

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
LOOP ID - PO1						10000
1069	0100	PO1	Baseline Item Data	O	1	
1072	0400	CTP	Pricing Information	O	>1	
LOOP ID - PID						1000
1075	0500	PID	Product/Item Description	O	1	
1077	0900	PO4	Item Physical Details	O	>1	
LOOP ID - SAC						25
1080	1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
1083	1900	SDQ	Destination Quantity	O	500	
LOOP ID - ACK						104
1085	2700	ACK	Line Item Acknowledgment	O	1	
LOOP ID - PKG						200
1088	3030	PKG	Marking, Packaging, Loading	O	1	
LOOP ID - N1						200
1090	3700	N1	Party Identification	O	1	
1091	3800	N2	Additional Name Information	O	2	
1092	3900	N3	Party Location	O	2	

**RETAIL INDUSTRY CONVENTIONS AND
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1093	4000	N4	Geographic Location	O	1	
LOOP ID - SLN						1000
1094	4900	SLN	Subline Item Detail	O	1	

Summary

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
LOOP ID - CTT						1
1098	0100	CTT	Transaction Totals	O	1	
1099	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. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 855 Purchase Order Acknowledgment	M ID 3/3
➤ ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.	M AN 4/9
ST03	1705	Implementation Convention Reference Reference assigned to identify Implementation Convention NOT USED BY THE RETAIL INDUSTRY	O AN 1/35

Segment: 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	M ID 2/2
		Code identifying purpose of transaction set	
		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				
				NOTIFICATION: This code is not valid for notification of vendor-generated replenishment orders.			
				ACKNOWLEDGMENT: This code is used only by the alcohol beverage industry to identify price/allowance discrepancies.			
		48	Suspended				
				NOTIFICATION: This code is not valid for notification of vendor-generated replenishment orders.			
				ACKNOWLEDGMENT: 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	Acknowledgment Type		M	ID	2/2
			Code specifying the type of acknowledgment				
				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).			
			AC Acknowledge - With Detail and Change				
				Full purchase order detail must be transmitted			
			AD Acknowledge - With Detail, No Change				
			AE Acknowledge - With Exception Detail Only				
				Only transmit details of change			
			AH Acknowledge - Hold Status				
				Used only by the alcohol beverage industry			
			AK Acknowledge - No Detail or Change				
			AP Acknowledge - Product Replenishment				
			AT Accepted				
				Used only by the alcohol beverage industry			
			RF Reject with Exception Detail Only				
				Used only by the alcohol beverage industry			
			RJ Rejected - No Detail				
➤	BAK03	324	Purchase Order Number		M	AN	1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser				
				NOTIFICATION: 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	Date		M	DT	8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
				NOTIFICATION: The date the replenished order was created from the suppliers modeling system			
	BAK05	328	Release Number		O	AN	1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction				
				NOT USED BY THE RETAIL INDUSTRY			
	BAK06	326	Request Reference Number		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)				
				NOT USED BY THE RETAIL INDUSTRY			
	BAK07	367	Contract Number		O	AN	1/30
			Contract number				
	BAK08	127	Reference Identification		O	AN	1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
				NOT USED BY THE RETAIL INDUSTRY			

**RETAIL INDUSTRY CONVENTIONS AND
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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.

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

Data Element Summary

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

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

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CUR18	337	Time	C TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
		NOT USED BY THE RETAIL INDUSTRY	
CUR19	374	Date/Time Qualifier	C ID 3/3
		Code specifying type of date or time, or both date and time	
		NOT USED BY THE RETAIL INDUSTRY	
CUR20	373	Date	C DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	
		NOT USED BY THE RETAIL INDUSTRY	
CUR21	337	Time	C TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
		NOT USED BY THE RETAIL INDUSTRY	

Segment: REF Reference Information

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	Reference Identification Qualifier Code qualifying the Reference Identification D3 National Association of Boards of Pharmacy Number See External Code Source 307 in Section III for reference document. DP Department Number IA Internal Vendor Number Identification number assigned to the vendor, by the retailer, for use within the retailer's system IT Internal Customer Number Identification number assigned to the retailer, by the vendor, for use within the vendor's system IV Seller's Invoice Number VN Vendor Order Number	M ID 2/3
➤ REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/50
REF03	352	Description A free-form description to clarify the related data elements and their content NOT USED BY THE RETAIL INDUSTRY	C AN 1/80
REF04	C040	REFERENCE IDENTIFIER To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier NOT USED BY THE RETAIL INDUSTRY	O COMPOSITE

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

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	Tax Identification Number Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number Tax exemption number	C AN 1/20
TAX02	309	Location Qualifier Code identifying type of location 93 Sender's Location Code	C ID 1/2
TAX03	310	Location Identifier Code which identifies a specific location	C AN 1/30
TAX04	309	Location Qualifier Code identifying type of location NOT USED BY THE RETAIL INDUSTRY	C ID 1/2
TAX05	310	Location Identifier Code which identifies a specific location NOT USED BY THE RETAIL INDUSTRY	C AN 1/30
TAX06	309	Location Qualifier Code identifying type of location NOT USED BY THE RETAIL INDUSTRY	C ID 1/2
TAX07	310	Location Identifier Code which identifies a specific location NOT USED BY THE RETAIL INDUSTRY	C AN 1/30
TAX08	309	Location Qualifier Code identifying type of location NOT USED BY THE RETAIL INDUSTRY	C ID 1/2

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

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

See External Code Source 21 in Section III for reference document.

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

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

Segment: 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 Standards Management Process (SMP) and is located in Section III of this guideline.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ SAC01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge R Allowance Request	M ID 1/1
SAC02	1300	Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge See Section III for code list.	C ID 4/4
SAC03	559	Agency Qualifier Code Code identifying the agency assigning the code values VI Voluntary Inter-Industry Commerce Standard (VICS) EDI See External Code Source 70 in Section III for reference document.	C ID 2/2
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, promotion, allowance, or charge See External Code Source 46 in Section III for reference document. See Section III for code list.	C AN 1/10
SAC05	610	Amount Monetary amount When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.	O N2 1/15
SAC06	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated 1 Item List Cost 2 Item Net Cost 3 Discount/Gross All allowances are off the gross price including cash discount. 4 Discount/Net All allowances are off the gross price. Cash discounts are off the net price. 5 Base Price per Unit Line item discount 6 Base Price Amount 7 Base Price Amount Less Previous Discount Declining balance method	C ID 1/1
SAC07	332	Percent, Decimal Format Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%) The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	C R 1/6
SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
SAC09	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	C ID 2/2

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

Segment: 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	Terms Type Code Code identifying type of payment terms	O ID 2/2
		02 End of Month (EOM)	
		04 Deferred or Installment	
		05 Discount Not Applicable	
		08 Basic Discount Offered	
		09 Proximo	
		12 10 Days After End of Month (10 EOM)	
		14 Previously agreed upon	
		21 Fast Pay	
		Purchase order is subject to anticipation.	
ITD02	333	Terms Basis Date Code 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	

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ITD03	338	Terms Discount Percent	O R 1/6
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
		The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	
ITD04	370	Terms Discount Due Date	C DT 8/8
		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	
ITD05	351	Terms Discount Days Due	C N0 1/3
		Number of days in the terms discount period by which payment is due if terms discount is earned	
		The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	
ITD06	446	Terms Net Due Date	O DT 8/8
		Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	
ITD07	386	Terms Net Days	O N0 1/3
		Number of days until total invoice amount is due (discount not applicable)	
		The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	
ITD08	362	Terms Discount Amount	O N2 1/10
		Total amount of terms discount	
ITD09	388	Terms Deferred Due Date	O DT 8/8
		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	
ITD10	389	Deferred Amount Due	C N2 1/10
		Deferred amount due for payment	
ITD11	342	Percent of Invoice Payable	C R 1/5
		Amount of invoice payable expressed in percent	
		The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	
ITD12	352	Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	
ITD13	765	Day of Month	C N0 1/2
		The numeric value of the day of the month between 1 and the maximum day of the month being referenced	
ITD14	107	Payment Method Type Code	O ID 1/2
		Code identifying type of payment procedures	
		C Pay By Check	
		E Electronic Payment System	
		Funding will be transferred electronically directly to a trading partner (bank)	
		L Letter of Credit	
		T Wire Transfer	
		Funding will be transferred electronically to a financial partner	
ITD15	954	Percentage as Decimal	O R 1/10
		Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%)	
		NOT USED BY THE RETAIL INDUSTRY	

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

DTM06 1251 Date Time Period **C AN 1/35**
Expression of a date, a time, or range of dates, times or dates and times
NOT USED BY THE RETAIL INDUSTRY

Segment: PID Product/Item Description

Level: Header

Loop: ____

Usage: Optional

Max Use: 200

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

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

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

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

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

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

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

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

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

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

Comments: A If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.

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

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

Data Element Summary

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

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

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

- 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	Equipment Description Code Code identifying type of equipment used for shipment 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)	C	ID	2/2
TD302	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number NOT USED BY THE RETAIL INDUSTRY	O	AN	1/4
TD303	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) NOT USED BY THE RETAIL INDUSTRY	C	AN	1/15
TD304	187	Weight Qualifier Code defining the type of weight NOT USED BY THE RETAIL INDUSTRY	O	ID	1/2
TD305	81	Weight Numeric value of weight NOT USED BY THE RETAIL INDUSTRY	C	R	1/10
TD306	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	C	ID	2/2
TD307	102	Ownership Code Code indicating the relationship of equipment to carrier or ownership of equipment NOT USED BY THE RETAIL INDUSTRY	O	ID	1/1

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

Segment: N1 Party Identification

Level: Header

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

Usage: Mandatory

Max Use: 1

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

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

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

Comments: A This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

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

Notes: This segment is used to identify the retailer's locations as they pertain to the order.

The ship-to (N101 contains code ST) may be identified in the header area or the detail area, but not both.

N103 and N104 are required except when N101 contains code MA or OB, or for direct-to-consumer when N101 contains code ST.

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

For spreadsheet orders, the SDQ segment identifies the retailer's ultimate destination. When necessary the N1 segment may be used to identify the bill-to or ship-to location. Only one iteration of each of the bill-to or ship-to is allowed. CAUTION, this will override every bill to or ship to for every location in the SDQ segment(s). For example, when the customer is instructing the supplier to package goods for cross docking, one iteration of the N1 segment, with N101 containing code ST, may be used to indicate the ship-to location. The ship-to location overrides the ship to that is normally associated with the locations identified in the SDQ segment(s).

For direct-to-consumer orders, there must be at least one occurrence of the N1 segment to identify the retailer (N101 contains code BT or SM).

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

When a direct-to-consumer purchase order contains multiple ship-to locations, the N1 loop in the detail area is used to identify the ship-to locations.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		BS Bill and Ship To	
		BT Bill-to-Party	

BY Buying Party (Purchaser)

This code will be deleted after Version 004040.

FR Message From

MA Party for whom Item is Ultimately Intended

Ultimate receiver

OB Ordered By

Customer of retailer

SE Selling Party

SF Ship From

ST Ship To

SU Supplier/Manufacturer

TO Message To

N102	93	Name Free-form name	C AN 1/60
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	C ID 1/2
		1 D-U-N-S Number, Dun & Bradstreet See External Code Source 16 in Section III for reference document.	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix See External Code Source 16 in Section III for reference document.	
		14 UCC/EAN Location Code Prefix This is the Global Location Number (GLN) Prefix that may be used only if the Global location Number (GLN) Suffix is being used in the SDQ segment(s).	
		21 Health Industry Number (HIN) See External Code Source 121 in Section III for reference document.	
		91 Assigned by Seller or Seller's Agent	
		92 Assigned by Buyer or Buyer's Agent	
		93 Code assigned by the organization originating the transaction set	
		94 Code assigned by the organization that is the ultimate destination of the transaction set	
		UL Global Location Number (GLN) This is the 13-digit Global Location Number (GLN). See External Code Source 583 in Section III for reference document.	
N104	67	Identification Code Code identifying a party or other code	C AN 2/80
		This is the location code as defined by N103. The location code may be a formal number, e.g., DUNS, or it may be assigned by either the buyer or seller. The location refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses.	
N105	706	Entity Relationship Code Code describing entity relationship	O ID 2/2
		NOT USED BY THE RETAIL INDUSTRY	
N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O ID 2/3
		NOT USED BY THE RETAIL INDUSTRY	

Segment: N2 Additional Name Information

Level: Header

Loop:

Usage: Optional

Max Use: 2

Purpose: To specify additional names

Data Element Summary

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

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

Data Element Summary

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

Segment: N4 Geographic Location

Level: Header

Loop:

Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

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

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

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

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

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

Data Element Summary

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

Segment: 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.

Semantic: 1 PO102 is quantity ordered.

Comments: A PO101 is the line item identification.

B 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.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20
PO102	380	Quantity Numeric value of quantity	C	R	1/15
NOT USED BY THE RETAIL INDUSTRY					
PO103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	O	ID	2/2
PO104	212	Unit Price Price per unit of product, service, commodity, etc. The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29". To indicate a no charge item or free goods, PO104 will contain a single zero (0) and PO105 will contains code NC.	C	R	1/17

PO105	639	Basis of Unit Price Code Code identifying the type of unit price for an item	O ID 2/2
This data element is used to clarify or alter the basis of unit price. The unit price expressed in PO104 is always in the same terms as the unit of measure in PO103, unless otherwise specified in PO105.			
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			
PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
See Section III for code list.			
PO107	234	Product/Service ID Identifying number for a product or service	C AN 1/48
PO108	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
See Section III for code list.			
PO109	234	Product/Service ID Identifying number for a product or service	C AN 1/48
PO110	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
See Section III for code list.			
PO111	234	Product/Service ID Identifying number for a product or service	C AN 1/48
PO112	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
See Section III for code list.			
PO113	234	Product/Service ID Identifying number for a product or service	C AN 1/48
PO114	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
See Section III for code list.			
PO115	234	Product/Service ID Identifying number for a product or service	C AN 1/48
PO116	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
See Section III for code list.			

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PO117	234	Product/Service ID Identifying number for a product or service	C AN	1/48
PO118	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
PO119	234	Product/Service ID Identifying number for a product or service	C AN	1/48
PO120	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
PO121	234	Product/Service ID Identifying number for a product or service	C AN	1/48
PO122	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
PO123	234	Product/Service ID Identifying number for a product or service	C AN	1/48
PO124	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
PO125	234	Product/Service ID Identifying number for a product or service	C AN	1/48

Segment: CTP Pricing Information

Level: Detail

Loop:

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.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
	CTP01	687 Class of Trade Code Code indicating class of trade AG Agent BG Buying Group DE Dealer DI Distributor RS Resale	O	ID	2/2
➤	CTP02	236 Price Identifier Code Code identifying pricing specification ALT Alternate Price CAT Catalog Price MSR Manufacturer's Suggested Retail OPP Original Purchase Order Price Original unit price PRP Promotional price Promotion/Event RTL Retail UCP Unit cost price Item list cost	C	ID	3/3
➤	CTP03	212 Unit Price Price per unit of product, service, commodity, etc. The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".	C	R	1/17
	CTP04	380 Quantity Numeric value of quantity	C	R	1/15
	CTP05	C001 COMPOSITE UNIT OF MEASURE To identify a composite unit of measure	C	COMPOSITE	
➤	- 1	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	M	ID	2/2

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- 2	1018	Exponent Power to which a unit is raised	O	R	1/15
NOT USED BY THE RETAIL INDUSTRY					
- 3	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
NOT USED BY THE RETAIL INDUSTRY					
- 4	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
- 5	1018	Exponent Power to which a unit is raised	O	R	1/15
NOT USED BY THE RETAIL INDUSTRY					
- 6	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
NOT USED BY THE RETAIL INDUSTRY					
- 7	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
- 8	1018	Exponent Power to which a unit is raised	O	R	1/15
NOT USED BY THE RETAIL INDUSTRY					
- 9	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
NOT USED BY THE RETAIL INDUSTRY					
- 10	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
- 11	1018	Exponent Power to which a unit is raised	O	R	1/15
NOT USED BY THE RETAIL INDUSTRY					
- 12	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
NOT USED BY THE RETAIL INDUSTRY					
- 13	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
- 14	1018	Exponent Power to which a unit is raised	O	R	1/15
NOT USED BY THE RETAIL INDUSTRY					
- 15	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
NOT USED BY THE RETAIL INDUSTRY					
CTP06	648	Price Multiplier Qualifier Code indicating the type of price multiplier	O	ID	3/3
NOT USED BY THE RETAIL INDUSTRY					
CTP07	649	Multiplier Value to be used as a multiplier to obtain a new value	C	R	1/10
NOT USED BY THE RETAIL INDUSTRY					

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CTP08	782	Monetary Amount Monetary amount	O	R	1/18
NOT USED BY THE RETAIL INDUSTRY					
CTP09	639	Basis of Unit Price Code Code identifying the type of unit price for an item	O	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
CTP10	499	Condition Value Identifies rate restrictions or provisions	O	AN	1/10
NOT USED BY THE RETAIL INDUSTRY					
CTP11	289	Multiple Price Quantity Quantity of units for a given price, e.g., 3 for \$10.00	O	N0	1/2
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.					

Segment: PID Product/Item Description

Level: Detail

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

Usage: Mandatory

Max Use: 1

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

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

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

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

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

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

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PID01	349	Item Description Type 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	Product/Process Characteristic Code 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	Agency Qualifier Code	C	ID	2/2
		Code identifying the agency assigning the code values			
		VI Voluntary Inter-Industry Commerce Standard (VICS) EDI			
		See External Code Source 70 in Section III for reference document.			
PID04	751	Product Description Code	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			
		See Section III for VICS EDI Semi-Custom Product Description Codes.			
PID05	352	Description	C	AN	1/80
		A free-form description to clarify the related data elements and their content			
PID06	752	Surface/Layer/Position Code	O	ID	2/2
		Code indicating the product surface, layer or position that is being described			
		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.			
		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	Source Subqualifier	O	AN	1/15
		A reference that indicates the table or text maintained by the Source Qualifier			
		NOT USED BY THE RETAIL INDUSTRY			
PID08	1073	Yes/No Condition or Response Code	O	ID	1/1
		Code indicating a Yes or No condition or response			
		NOT USED BY THE RETAIL INDUSTRY			
PID09	819	Language Code	O	ID	2/3
		Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)			
		See External Code Source 102 in Section III for reference document.			

Segment: PO4 Item Physical Details

Level: Detail

Loop:

Usage: Optional

Max Use: >1

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

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

- Semantic:**
- 1** PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
 - 2** PO416 is the package identifier or the beginning package identifier in a range of identifiers.
 - 3** PO417 is the ending package identifier in a range of identifiers.
 - 4** PO418 is the number of packages in this layer.

- Comments:**
- A** PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
- B** PO413 defines the unit of measure for PO410, PO411, and PO412.

Notes: This segment is used to specify the packaging of the item in the case or carton. There may be two levels of packaging specified. The first level is always specified by using PO401 (Pack). The first level may be actual items, e.g., consumer units, or it may be the number of smaller containers within the case. The second level, specified using PO414 (Inner Pack), is the number of eaches in each inner container when PO401 is the number of smaller containers within the case. See Section V (Pack/Inner Pack Usage) for usage examples.

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

Data Element Summary

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

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

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

Level: Detail

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 in Section III of this guideline.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ SAC01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge R Allowance Request	M ID 1/1
SAC02	1300	Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge See Section III for code list.	C ID 4/4
SAC03	559	Agency Qualifier Code Code identifying the agency assigning the code values VI Voluntary Inter-Industry Commerce Standard (VICS) EDI See External Code Source 70 in Section III for reference document.	C ID 2/2
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, promotion, allowance, or charge See External Code Source 46 in Section III for reference document. See Section III for code list.	C AN 1/10
SAC05	610	Amount Monetary amount When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.	O N2 1/15
SAC06	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated 1 Item List Cost 2 Item Net Cost 3 Discount/Gross All allowances are off the gross price including cash discount. 4 Discount/Net All allowances are off the gross price. Cash discounts are off the net price. 5 Base Price per Unit Line item discount 6 Base Price Amount 7 Base Price Amount Less Previous Discount Declining balance method	C ID 1/1
SAC07	332	Percent, Decimal Format Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%) The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	C R 1/6
SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
SAC09	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	C ID 2/2

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

Segment: SDQ Destination Quantity

Level: Detail

Loop:

Usage: Optional

Max Use: 500

Purpose: To specify destination and quantity detail

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

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

- Comments: A** SDQ02 is used only if different than previously defined in the transaction set.
- B** SDQ03 is the store number.
- C** SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Notes: This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103, and all occurrences of Data Element 67 in 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 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	M ID 2/2
➤	SDQ02	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet See External Code Source 16 in Section III for reference document. 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix See External Code Source 16 in Section III for reference document. 21 Health Industry Number (HIN) See External Code Source 121 in Section III for reference document.	O ID 1/2

91 Assigned by Seller or Seller's Agent

92 Assigned by Buyer or Buyer's Agent

UL Global Location Number (GLN)

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

UM UCC/EAN Location Code Suffix

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

This code will be deleted after Version 004050.

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

Segment: ACK Line Item Acknowledgment

Level: Detail

Loop: 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.

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 IC Item Accepted - Changes Made ID Item Deleted	M ID 2/2
		Cancellation of a line item	

		IE Item Accepted, Price Pending			
		Used only by the alcohol beverage industry			
		IH Item on Hold			
		Used only by the alcohol beverage industry			
		IP Item Accepted - Price Changed			
		Used only by the alcohol beverage industry			
		IR Item Rejected			
		Used only by the alcohol beverage industry			
ACK02	380	Quantity	C	R	1/15
		Numeric value of quantity			
		Quantity which the change affects, i.e., the quantity that applies to the dates sent in ACK04 and ACK05			
ACK03	355	Unit or Basis for Measurement Code	C	ID	2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		See Section III for code list.			
ACK04	374	Date/Time Qualifier	O	ID	3/3
		Code specifying type of date or time, or both date and time			
		037 Ship Not Before			
		068 Current Schedule Ship			
		100 No Shipping Schedule Established as of			
ACK05	373	Date	C	DT	8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
ACK06	326	Request Reference Number	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)			
		NOT USED BY THE RETAIL INDUSTRY			
ACK07	235	Product/Service ID Qualifier	C	ID	2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		See Section III for code list.			
ACK08	234	Product/Service ID	C	AN	1/48
		Identifying number for a product or service			
ACK09	235	Product/Service ID Qualifier	C	ID	2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		See Section III for code list.			
ACK10	234	Product/Service ID	C	AN	1/48
		Identifying number for a product or service			
ACK11	235	Product/Service ID Qualifier	C	ID	2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		See Section III for code list.			
ACK12	234	Product/Service ID	C	AN	1/48
		Identifying number for a product or service			
ACK13	235	Product/Service ID Qualifier	C	ID	2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		See Section III for code list.			
ACK14	234	Product/Service ID	C	AN	1/48
		Identifying number for a product or service			

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ACK15	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
ACK16	234	Product/Service ID Identifying number for a product or service	C AN 1/48
NOT USED BY THE RETAIL INDUSTRY			
ACK17	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
ACK18	234	Product/Service ID Identifying number for a product or service	C AN 1/48
NOT USED BY THE RETAIL INDUSTRY			
ACK19	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
ACK20	234	Product/Service ID Identifying number for a product or service	C AN 1/48
NOT USED BY THE RETAIL INDUSTRY			
ACK21	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
ACK22	234	Product/Service ID Identifying number for a product or service	C AN 1/48
NOT USED BY THE RETAIL INDUSTRY			
ACK23	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
ACK24	234	Product/Service ID Identifying number for a product or service	C AN 1/48
NOT USED BY THE RETAIL INDUSTRY			
ACK25	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
ACK26	234	Product/Service ID Identifying number for a product or service	C AN 1/48
NOT USED BY THE RETAIL INDUSTRY			
ACK27	559	Agency Qualifier Code Code identifying the agency assigning the code values	C ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
ACK28	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	C AN 1/15
NOT USED BY THE RETAIL INDUSTRY			
ACK29	1271	Industry Code Code indicating a code from a specific industry code list	C AN 1/30
NOT USED BY THE RETAIL INDUSTRY			

Segment: PKG Marking, Packaging, Loading

Level: Detail

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

Level: Detail

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

Segment: N2 Additional Name Information

Level: Detail

Loop:

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	Name Free-form name	M	AN	1/60
N202	93	Name Free-form name	O	AN	1/60

Segment: N3 Party Location

Level: Detail

Loop:

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	Address Information Address information	M	AN	1/55
N302	166	Address Information Address information	O	AN	1/55

Segment: N4 Geographic Location

Level: Detail

Loop:

Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

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

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

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

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

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

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

Data Element Summary

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

Segment: **SLN** Subline Item Detail

Level: Detail

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

Usage: Mandatory

Max Use: 1

Purpose: To specify product subline detail item data

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

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

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

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

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

Data Element Summary

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

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- 11	1018	Exponent Power to which a unit is raised	O R	1/15
NOT USED BY THE RETAIL INDUSTRY				
- 12	649	Multiplier Value to be used as a multiplier to obtain a new value	O R	1/10
NOT USED BY THE RETAIL INDUSTRY				
- 13	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID	2/2
NOT USED BY THE RETAIL INDUSTRY				
- 14	1018	Exponent Power to which a unit is raised	O R	1/15
NOT USED BY THE RETAIL INDUSTRY				
- 15	649	Multiplier Value to be used as a multiplier to obtain a new value	O R	1/10
NOT USED BY THE RETAIL INDUSTRY				
SLN06	212	Unit Price Price per unit of product, service, commodity, etc.	C R	1/17
The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".				
To indicate a no charge item or free goods, SLN06 will contain a single zero (0) and SLN07 will contain code NC.				
SLN07	639	Basis of Unit Price Code Code identifying the type of unit price for an item	O ID	2/2
This data element is used to clarify or alter the basis of unit price. The unit price expressed in SLN06 is always in the same terms as the unit of measure in SLN05, unless otherwise specified in SLN07.				
LD Catalog Price per Dozen				
LE Catalog Price per Each				
NC No Charge				
PO Price per Ounce				
PP Price per Pound				
PR Promotion				
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	Relationship Code Code indicating the relationship between entities	O ID	1/1
NOT USED BY THE RETAIL INDUSTRY				
SLN09	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
SLN10	234	Product/Service ID Identifying number for a product or service	C AN	1/48
SLN11	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				

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SLN12	234	Product/Service ID Identifying number for a product or service	C AN	1/48
SLN13	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
SLN14	234	Product/Service ID Identifying number for a product or service	C AN	1/48
SLN15	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
SLN16	234	Product/Service ID Identifying number for a product or service	C AN	1/48
SLN17	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
SLN18	234	Product/Service ID Identifying number for a product or service	C AN	1/48
SLN19	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
SLN20	234	Product/Service ID Identifying number for a product or service	C AN	1/48
SLN21	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
SLN22	234	Product/Service ID Identifying number for a product or service	C AN	1/48
SLN23	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
SLN24	234	Product/Service ID Identifying number for a product or service	C AN	1/48
SLN25	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
SLN26	234	Product/Service ID Identifying number for a product or service	C AN	1/48
SLN27	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C ID	2/2
See Section III for code list.				
SLN28	234	Product/Service ID Identifying number for a product or service	C AN	1/48

Segment: 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	Number of Line Items Total number of line items in the transaction set The number of PO1 segments present in the transaction set	M NO 1/6
CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. NOT USED BY THE RETAIL INDUSTRY	O R 1/10
CTT03	81	Weight Numeric value of weight NOT USED BY THE RETAIL INDUSTRY	C R 1/10
CTT04	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	C ID 2/2
CTT05	183	Volume Value of volumetric measure NOT USED BY THE RETAIL INDUSTRY	C R 1/8
CTT06	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	C ID 2/2
CTT07	352	Description A free-form description to clarify the related data elements and their content NOT USED BY THE RETAIL INDUSTRY	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	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M NO 1/10
➤ SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

This must be the same number as is in the ST segment (ST02) for the transaction set.

