

850 Purchase Order

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 Transaction Set.

Within the retail industry, two distinct methods for ordering goods have been identified. The first type, or “basic”, is the most common, and is used to order goods separately for each location, i.e., one store ordering per PO. The second type, or “spreadsheet”, is utilized to order the same item for multiple locations, i.e., a specific quantity of one item is distributed to multiple locations. The actual quantity distributed to each location need not be the same.

The spreadsheet order usually implies predistribution by the vendor. Orders are packaged for the store and either sent directly to the store or to a central location (distribution center). The basic order can be used in the pre or post distribution environment. In the post distribution environment the buying location is the distribution center. The distribution center allocates each store’s quantity.

The purchase order in its most simplistic form, assumes that the receiver has, most of the general data about the sender and their locations (stores) within their systems. This data includes bill to, ship to, mark for, terms, etc., for each sender location. For each ordering location the receiver of the order knows where to send the goods, where to send the bill, and what terms are to be applied. The sender only needs to inform the receiver of the location ordering the goods, when delivery is expected, and the detail specification for the goods (SKUs), including order quantity for each SKU.

ASC X12

850 Purchase Order

FUNCTIONAL GROUP ID = **PO**

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

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
814	0100	ST	Transaction Set Header	M	1	
815	0200	BEG	Beginning Segment for Purchase Order	M	1	
817	0400	CUR	Currency	O	1	
820	0500	REF	Reference Identification	O	>1	
822	0600	PER	Administrative Communications Contact	O	3	
824	0700	TAX	Tax Reference	O	>1	
826	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	
828	1100	CSH	Sales Requirements	O	5	
830	1150	TC2	Commodity	O	>1	
LOOP ID - SAC						25
831	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
N/U	1250	CUR	Currency	O	1	
834	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
N/U	1400	DIS	Discount Detail	O	20	
N/U	1450	INC	Installment Information	O	1	
837	1500	DTM	Date/Time Reference	O	10	
N/U	1800	LIN	Item Identification	O	5	
N/U	1850	SI	Service Characteristic Identification	O	>1	
839	1900	PID	Product/Item Description	O	200	
N/U	2000	MEA	Measurements	O	40	
841	2100	PWK	Paperwork	O	25	
843	2200	PKG	Marking, Packaging, Loading	O	200	
N/U	2300	TD1	Carrier Details (Quantity and Weight)	O	2	
845	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1	
848	2500	TD3	Carrier Details (Equipment)	O	12	
850	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
N/U	2700	MAN	Marks and Numbers	O	10	
851	2760	PCT	Percent Amounts	O	>1	
852	2800	CTB	Restrictions/Conditions	O	5	

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

N/U	2850	TXI	Tax Information	O	>1	
LOOP ID - LDT						>1
N/U	2855	LDT	Lead Time	O	1	
N/U	2858	QTY	Quantity	O	>1	
N/U	2860	MTX	Text	O	>1	
N/U	2865	REF	Reference Identification	O	>1	
LOOP ID - AMT						>1
N/U	2870	AMT	Monetary Amount	O	1	
N/U	2890	REF	Reference Identification	O	>1	
N/U	2900	DTM	Date/Time Reference	O	1	
N/U	2920	PCT	Percent Amounts	O	>1	
LOOP ID - AMT/FA1						>1
N/U	2930	FA1	Type of Financial Accounting Data	O	1	
N/U	2940	FA2	Accounting Data	M	>1	
LOOP ID - N9						1000
853	2950	N9	Reference Identification	O	1	
N/U	2970	DTM	Date/Time Reference	O	>1	
854	3000	MTX	Text	O	>1	
N/U	3050	PWK	Paperwork	O	>1	
N/U	3080	EFI	Electronic Format Identification	O	>1	
LOOP ID - N1						200
855	3100	N1	Name	O	1	
858	3200	N2	Additional Name Information	O	2	
N/U	3250	IN2	Individual Name Structure Components	O	>1	
859	3300	N3	Address Information	O	2	
860	3400	N4	Geographic Location	O	>1	
N/U	3450	NX2	Location ID Component	O	>1	
861	3500	REF	Reference Identification	O	12	
862	3600	PER	Administrative Communications Contact	O	>1	
N/U	3650	SI	Service Characteristic Identification	O	>1	
N/U	3700	FOB	F.O.B. Related Instructions	O	1	
N/U	3800	TD1	Carrier Details (Quantity and Weight)	O	2	
N/U	3900	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
N/U	4000	TD3	Carrier Details (Equipment)	O	12	
863	4100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
N/U	4200	PKG	Marking, Packaging, Loading	O	200	
LOOP ID - LM						>1
N/U	4300	LM	Code Source Information	O	1	
N/U	4400	LQ	Industry Code	M	>1	
LOOP ID - SPI						>1
N/U	4500	SPI	Specification Identifier	O	1	
N/U	4600	REF	Reference Identification	O	5	
N/U	4700	DTM	Date/Time Reference	O	5	
N/U	4800	MTX	Text	O	>1	
LOOP ID - SPI/N1						20
N/U	4900	N1	Name	O	1	
N/U	5000	N2	Additional Name Information	O	2	
N/U	5100	N3	Address Information	O	2	
N/U	5200	N4	Geographic Location	O	1	

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

N/U	5300	REF	Reference Identification	O	20
N/U	5400	G61	Contact	O	1
N/U	5500	MTX	Text	O	>1
LOOP ID - SPI/CB1					>1
N/U	5600	CB1	Contract and Cost Accounting Standards Data	O	1
N/U	5700	REF	Reference Identification	O	20
N/U	5800	DTM	Date/Time Reference	O	5
N/U	5900	LDT	Lead Time	O	1
N/U	6000	MTX	Text	O	>1
LOOP ID - ADV					>1
N/U	6100	ADV	Advertising Demographic Information	O	1
N/U	6200	DTM	Date/Time Reference	O	>1
N/U	6300	MTX	Text	O	>1

Detail

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
LOOP ID - PO1						100000
864	0100	PO1	Baseline Item Data	M	1	
N/U	0150	LIN	Item Identification	O	>1	
N/U	0180	SI	Service Characteristic Identification	O	>1	
N/U	0200	CUR	Currency	O	1	
N/U	0250	CN1	Contract Information	O	1	
N/U	0300	PO3	Additional Item Detail	O	25	
LOOP ID - PO1/CTP						>1
868	0400	CTP	Pricing Information	O	1	
871	0430	CUR	Currency	O	1	
N/U	0450	PAM	Period Amount	O	10	
874	0490	MEA	Measurements	O	40	
LOOP ID - PO1/PID						1000
877	0500	PID	Product/Item Description	O	1	
880	0600	MEA	Measurements	O	10	
883	0700	PWK	Paperwork	O	25	
885	0900	PO4	Item Physical Details	O	>1	
888	1000	REF	Reference Identification	O	>1	
N/U	1100	PER	Administrative Communications Contact	O	3	
LOOP ID - PO1/SAC						25
889	1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
892	1350	CUR	Currency	O	1	
895	1370	CTP	Pricing Information	O	1	
N/U	1400	IT8	Conditions of Sale	O	1	
N/U	1420	CSH	Sales Requirements	O	>1	
897	1500	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
N/U	1600	DIS	Discount Detail	O	20	
N/U	1650	INC	Installment Information	O	1	
N/U	1700	TAX	Tax Reference	O	>1	
N/U	1800	FOB	F.O.B. Related Instructions	O	>1	
900	1900	SDQ	Destination Quantity	O	500	
N/U	2000	IT3	Additional Item Data	O	5	

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

902	2100	DTM	Date/Time Reference	O	10
903	2350	TC2	Commodity	O	>1
N/U	2400	TD1	Carrier Details (Quantity and Weight)	O	1
904	2500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
N/U	2600	TD3	Carrier Details (Equipment)	O	12
N/U	2700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
N/U	2760	PCT	Percent Amounts	O	>1
N/U	2800	MAN	Marks and Numbers	O	10
N/U	2890	MTX	Text	O	>1
N/U	2900	SPI	Specification Identifier	O	>1
N/U	2910	TXI	Tax Information	O	>1
N/U	2920	CTB	Restrictions/Conditions	O	>1
LOOP ID - PO1/QTY					>1
N/U	2930	QTY	Quantity	O	1
N/U	2940	SI	Service Characteristic Identification	O	>1
LOOP ID - PO1/SCH					200
N/U	2950	SCH	Line Item Schedule	O	1
N/U	2960	TD1	Carrier Details (Quantity and Weight)	O	2
N/U	2970	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
N/U	2980	TD3	Carrier Details (Equipment)	O	12
N/U	2990	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
N/U	3000	REF	Reference Identification	O	>1
LOOP ID - PO1/PKG					200
906	3050	PKG	Marking, Packaging, Loading	O	1
N/U	3100	MEA	Measurements	O	>1
N/U	3200	LS	Loop Header	O	1
LOOP ID - PO1/LDT					>1
N/U	3210	LDT	Lead Time	O	1
N/U	3220	QTY	Quantity	O	>1
N/U	3230	MTX	Text	O	>1
N/U	3240	REF	Reference Identification	O	3
LOOP ID - PO1/LDT/LM					>1
N/U	3250	LM	Code Source Information	O	1
N/U	3260	LQ	Industry Code	M	>1
N/U	3270	LE	Loop Trailer	O	1
LOOP ID - PO1/N9					1000
908	3300	N9	Reference Identification	O	1
N/U	3320	DTM	Date/Time Reference	O	>1
N/U	3350	MEA	Measurements	O	40
N/U	3400	MTX	Text	O	>1
N/U	3450	PWK	Paperwork	O	>1
N/U	3480	EFI	Electronic Format Identification	O	>1
LOOP ID - PO1/N1					200
910	3500	N1	Name	O	1
911	3600	N2	Additional Name Information	O	2
N/U	3650	IN2	Individual Name Structure Components	O	>1
912	3700	N3	Address Information	O	2
913	3800	N4	Geographic Location	O	1
N/U	3830	QTY	Quantity	O	>1

**RETAIL INDUSTRY CONVENTIONS AND
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N/U	3850	NX2	Location ID Component	O	>1
914	3900	REF	Reference Identification	O	12
915	4000	PER	Administrative Communications Contact	O	3
N/U	4050	SI	Service Characteristic Identification	O	>1
916	4060	DTM	Date/Time Reference	O	1
N/U	4100	FOB	F.O.B. Related Instructions	O	1
N/U	4150	SCH	Line Item Schedule	O	200
N/U	4200	TD1	Carrier Details (Quantity and Weight)	O	2
N/U	4300	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
N/U	4400	TD3	Carrier Details (Equipment)	O	12
917	4500	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
N/U	4600	PKG	Marking, Packaging, Loading	O	200
LOOP ID - PO1/N1/LDT					>1
N/U	4620	LDT	Lead Time	O	1
N/U	4640	MAN	Marks and Numbers	O	10
N/U	4660	QTY	Quantity	O	5
N/U	4680	MTX	Text	O	>1
N/U	4690	REF	Reference Identification	O	3
LOOP ID - PO1/SLN					1000
918	4700	SLN	Subline Item Detail	O	1
N/U	4750	MTX	Text	O	>1
N/U	4800	SI	Service Characteristic Identification	O	>1
923	4900	PID	Product/Item Description	O	1000
N/U	5000	PO3	Additional Item Detail	O	104
925	5050	TC2	Commodity	O	>1
N/U	5130	ADV	Advertising Demographic Information	O	>1
N/U	5150	DTM	Date/Time Reference	O	10
926	5160	CTP	Pricing Information	O	25
N/U	5170	PAM	Period Amount	O	10
929	5180	PO4	Item Physical Details	O	1
N/U	5190	TAX	Tax Reference	O	3
LOOP ID - PO1/SLN/N9					>1
N/U	5230	N9	Reference Identification	O	1
N/U	5240	DTM	Date/Time Reference	O	>1
N/U	5250	MTX	Text	O	>1
LOOP ID - PO1/SLN/SAC					25
932	5260	SAC	Service, Promotion, Allowance, or Charge Information	O	1
935	5270	CUR	Currency	O	1
938	5280	CTP	Pricing Information	O	1
LOOP ID - PO1/SLN/QTY					>1
N/U	5290	QTY	Quantity	O	1
N/U	5300	SI	Service Characteristic Identification	O	>1
LOOP ID - PO1/SLN/N1					10
N/U	5350	N1	Name	O	1
N/U	5400	N2	Additional Name Information	O	2
N/U	5450	IN2	Individual Name Structure Components	O	>1
N/U	5500	N3	Address Information	O	2
N/U	5600	N4	Geographic Location	O	1
N/U	5700	NX2	Location ID Component	O	>1
N/U	5800	REF	Reference Identification	O	12

**RETAIL INDUSTRY CONVENTIONS AND
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N/U	5900	PER	Administrative Communications Contact	O	3	
N/U	5950	SI	Service Characteristic Identification	O	>1	
LOOP ID - PO1/AMT						>1
N/U	6000	AMT	Monetary Amount	O	1	
N/U	6100	REF	Reference Identification	O	1	
N/U	6120	PCT	Percent Amounts	O	>1	
LOOP ID - PO1/LM						>1
N/U	6200	LM	Code Source Information	O	1	
N/U	6300	LQ	Industry Code	M	>1	

Summary

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
LOOP ID - CTT						1
940	0100	CTT	Transaction Totals	O	1	
941	0200	AMT	Monetary Amount	O	1	
942	0300	SE	Transaction Set Trailer	M	1	

VICS EDI

850 Purchase Order

Header

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
814	0100	ST	Transaction Set Header	M	1	
815	0200	BEG	Beginning Segment for Purchase Order	M	1	
817	0400	CUR	Currency	O	1	
820	0500	REF	Reference Identification	O	>1	
822	0600	PER	Administrative Communications Contact	O	3	
824	0700	TAX	Tax Reference	O	>1	
826	0800	FOB	F.O.B. Related Instructions	O	>1	
828	1100	CSH	Sales Requirements	O	5	
830	1150	TC2	Commodity	O	>1	
LOOP ID - SAC						25
831	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
834	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
837	1500	DTM	Date/Time Reference	O	10	
839	1900	PID	Product/Item Description	O	200	
841	2100	PWK	Paperwork	O	25	
843	2200	PKG	Marking, Packaging, Loading	O	200	
845	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1	
848	2500	TD3	Carrier Details (Equipment)	O	12	
850	2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
851	2760	PCT	Percent Amounts	O	>1	
852	2800	CTB	Restrictions/Conditions	O	5	
LOOP ID - N9						1000
853	2950	N9	Reference Identification	O	1	
854	3000	MTX	Text	O	>1	
LOOP ID - N1						200
855	3100	N1	Name	O	1	
858	3200	N2	Additional Name Information	O	2	
859	3300	N3	Address Information	O	2	
860	3400	N4	Geographic Location	O	>1	
861	3500	REF	Reference Identification	O	12	
862	3600	PER	Administrative Communications Contact	O	>1	
863	4100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	

Detail

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
		LOOP ID - PO1				10000
864	0100	PO1	Baseline Item Data	M	1	
		LOOP ID - PO1/CTP				>1
868	0400	CTP	Pricing Information	O	1	
871	0430	CUR	Currency	O	1	
874	0490	MEA	Measurements	O	40	
		LOOP ID - PO1/PID				1000
877	0500	PID	Product/Item Description	O	1	
880	0600	MEA	Measurements	O	10	
883	0700	PWK	Paperwork	O	25	
885	0900	PO4	Item Physical Details	O	>1	
888	1000	REF	Reference Identification	O	>1	
		LOOP ID - PO1/SAC				25
889	1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
892	1350	CUR	Currency	O	1	
895	1370	CTP	Pricing Information	O	1	
897	1500	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
900	1900	SDQ	Destination Quantity	O	500	
902	2100	DTM	Date/Time Reference	O	10	
903	2350	TC2	Commodity	O	>1	
904	2500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
		LOOP ID - PO1/PKG				200
906	3050	PKG	Marking, Packaging, Loading	O	1	
		LOOP ID - PO1/N9				1000
908	3300	N9	Reference Identification	O	1	
		LOOP ID - PO1/N1				200
910	3500	N1	Name	O	1	
911	3600	N2	Additional Name Information	O	2	
912	3700	N3	Address Information	O	2	
913	3800	N4	Geographic Location	O	1	
914	3900	REF	Reference Identification	O	12	
915	4000	PER	Administrative Communications Contact	O	3	
916	4060	DTM	Date/Time Reference	O	1	
917	4500	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
		LOOP ID - PO1/SLN				1000
918	4700	SLN	Subline Item Detail	O	1	
923	4900	PID	Product/Item Description	O	1000	
925	5050	TC2	Commodity	O	>1	
926	5160	CTP	Pricing Information	O	25	
929	5180	PO4	Item Physical Details	O	1	
		LOOP ID - PO1/SLN/SAC				25
932	5260	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
935	5270	CUR	Currency	O	1	
938	5280	CTP	Pricing Information	O	1	

Summary

PAGE # POS. #

940 0100
941 0200
942 0300

SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
LOOP ID - CTT				1
CTT	Transaction Totals	O	1	
AMT	Monetary Amount	O	1	
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.
- 2/2950** The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
- 3/0100** The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
- 3/0200** If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Segment: ST Transaction Set Header

Level: Header

Loop: ___

Usage: Mandatory

Max Use: 1

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

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

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 850 Purchase Order 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 M AN 4/9 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.
	ST03	1705	Implementation Convention Reference Reference assigned to identify Implementation Convention O AN 1/35 NOT USED BY THE RETAIL INDUSTRY

Segment: **BEG** Beginning Segment for Purchase Order
Level: Header
Loop: ___
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Semantic: 1 BEG05 is the date assigned by the purchaser to purchase order.
Notes: If BEG02 contains code RL, then BEG04 is required. BEG03 contains the purchase order number which is being released against and BEG04 contains the release number.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	BEG01	353 Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 06 Confirmation 07 Duplicate 16 Proposed Suggested 22 Information Copy This code is used to notify anyone other than the seller about this order.	M ID 2/2
➤	BEG02	92 Purchase Order Type Code Code specifying the type of Purchase Order BE Blanket Order/Estimated Quantities (Not firm Commitment) BK Blanket Order (Quantity Firm) RE Reorder RL Release or Delivery Order SA Stand-alone Order	M ID 2/2
➤	BEG03	324 Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser Retailer's original purchase order number	M AN 1/22
	BEG04	328 Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction Retailer's release against the purchase order, if used	O AN 1/30
➤	BEG05	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Retailer's original purchase order date	M DT 8/8
	BEG06	367 Contract Number Contract number	O AN 1/30
	BEG07	587 Acknowledgment Type Code specifying the type of acknowledgment NOT USED BY THE RETAIL INDUSTRY	O ID 2/2
	BEG08	1019 Invoice Type Code Code defining the method by which invoices are to be processed NOT USED BY THE RETAIL INDUSTRY	O ID 3/3
	BEG09	1166 Contract Type Code Code identifying a contract type NOT USED BY THE RETAIL INDUSTRY	O ID 2/2

**RETAIL INDUSTRY CONVENTIONS AND
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BEG10	1232	Purchase Category Code identifying the broad category of products or services being acquired	O	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
BEG11	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following	O	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
BEG12	640	Transaction Type Code Code specifying the type of transaction BH Bill and Hold Goods	O	ID	2/2

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

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

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CUR18 337 Time C TM 4/8
Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

NOT USED BY THE RETAIL INDUSTRY

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

NOT USED BY THE RETAIL INDUSTRY

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

NOT USED BY THE RETAIL INDUSTRY

CUR21 337 Time C TM 4/8
Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

NOT USED BY THE RETAIL INDUSTRY

Segment: **REF** Reference Identification

Level: Header

Loop: ___

Usage: Optional

Max Use: >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: When REF01 contains code PG, REF02 is used to specify the alphanumeric description of the product group or selling zone required on the shipping label. The maximum length is 18 characters. See UCC6 Application Standard for Shipping Container Codes for specific guidance.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
		ABS Vessel Name	
		ACL Application Transaction Reference Number	
		AE Authorization for Expense (AFE) Number	
		AN Associated Purchase Orders Ship with purchase order	
		AO Appointment Number	
		BT Batch Number	
		CAT Category Identifier	
		CH Customer Catalog Number	
		CNO Commitment Number	
		CO Customer Order Number Customer of retailer	
		D3 National Association of Boards of Pharmacy Number See External Code Source 307 in Section III for reference document.	
		DP Department Number This code may be used in the header area or the detail area, but not both.	
		FI File Identifier	
		FTP File Transfer Protocol (FTP) Locator	
		IA Internal Vendor Number Identification number assigned to the vendor, by the retailer, for use within the retailer's system	
		IRN Importer's Reference Number to Letter of Credit Letter of credit reference number issued by buyer; cross-references the bank's letter of credit number, once assigned	
		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	
		LMI Local Media Identifier	

		MR	Merchandise Type Code			
		NB	Letter of Credit Number			
		PD	Promotion/Deal Number			
		PG	Product Group			
			Product group or selling zone			
		QC	Product Specification Document Number			
			Schematic reference number			
		SB	Sales Region Number			
		URL	Uniform Resource Locator			
		V3	Voyage Number			
		VN	Vendor Order Number			
➤	REF02	127	Reference Identification		C AN	1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	REF03	352	Description		C AN	1/80
			A free-form description to clarify the related data elements and their content			
			NOT USED BY THE RETAIL INDUSTRY			
	REF04	C040	REFERENCE IDENTIFIER		O	COMPOSITE
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier			
➤	- 1	128	Reference Identification Qualifier		M ID	2/3
			Code qualifying the Reference Identification			
			FI File Identifier			
➤	- 2	127	Reference Identification		M AN	1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	- 3	128	Reference Identification Qualifier		C ID	2/3
			Code qualifying the Reference Identification			
			FI File Identifier			
	- 4	127	Reference Identification		C AN	1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
	- 5	128	Reference Identification Qualifier		C ID	2/3
			Code qualifying the Reference Identification			
			FI File Identifier			
	- 6	127	Reference Identification		C AN	1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

Segment: PER Administrative Communications Contact

Level: Header

Loop: _____

Usage: Optional

Max Use: 3

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

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

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named AA Authorized Representative May be the business unit manager who approves the order BD Buyer Name or Department DC Delivery Contact FC Forwarder Contact Retailer's freight forwarder IC Information Contact LG Logistics Contact OC Order Contact SU Supplier 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 **O AN 1/20**
Additional reference number or description to clarify a contact number

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.

Data Element Summary

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

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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.

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 See External Code Source 21 in Section III for reference document. CY County/Parish DE Destination (Shipping) FA Factory FE Freight Equalization Point FF Foreign Freight Forwarder Location	C	ID	1/2

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

Segment: CSH Sales Requirements

Level: Header

Loop: ____

Usage: Optional

Max Use: 5

Purpose: To specify general conditions or requirements of the sale

Syntax: 1 **C0203**
If CSH02 is present, then CSH03 is required.

2 **P0607**
If either CSH06 or CSH07 is present, then the other is required.

3 **P0910**
If either CSH09 or CSH10 is present, then the other is required.

Semantic: 1 CSH03 is the maximum monetary amount value which the order must not exceed.

2 CSH04 is the account number to which the purchase amount is charged.

3 CSH05 is the date specified by the sender to be shown on the invoice.

4 CSH06 identifies the source of the code value in CSH07.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
➤ CSH01	563	Sales Requirement Code Code to identify a specific requirement or agreement of sale BK Ship Partial - Balance Back Order C Consignment FT Ship Full Truck Only GS Guaranteed Sale IS Substitute Item Allowed N No Back Order P2 Ship As Soon As Possible P3 May Preship The supplier may ship before the requested ship date. P4 Do Not Preship QE Exclude Import Quota in First Cost QI Include Import Quota in First Cost SC Ship Complete SP Ship Partial, Balance Cancel SU Ship Partial, Balance Substitute Y Back Order if Out of Stock	O	ID	1/2
CSH02	306	Action Code Code indicating type of action NOT USED BY THE RETAIL INDUSTRY	O	ID	1/2
CSH03	610	Amount Monetary amount NOT USED BY THE RETAIL INDUSTRY	C	N2	1/15
CSH04	508	Account Number Account number assigned NOT USED BY THE RETAIL INDUSTRY	O	AN	1/35
CSH05	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year NOT USED BY THE RETAIL INDUSTRY	O	DT	8/8

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CSH06	559	Agency Qualifier Code Code identifying the agency assigning the code values	C	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
CSH07	560	Special Services Code Code identifying the special service	C	ID	2/10
NOT USED BY THE RETAIL INDUSTRY					
CSH08	566	Product/Service Substitution Code Code indicating product or service substitution conditions	O	ID	1/2
NOT USED BY THE RETAIL INDUSTRY					
CSH09	954	Percent Percentage expressed as a decimal	C	R	1/10
NOT USED BY THE RETAIL INDUSTRY					
CSH10	1004	Percent Qualifier Code to qualify percent	C	ID	1/2
NOT USED BY THE RETAIL INDUSTRY					

Segment: **TC2** Commodity

Level: Header

Loop: ___

Usage: Optional

Max Use: >1

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

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

Data Element Summary

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

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 in Section III of this guideline.

Data Element Summary

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

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

Segment: ITD Terms of Sale/Deferred Terms of Sale

Level: Header

Loop: ___

Usage: Optional

Max Use: >1

Purpose: To specify terms of sale

Syntax: 1 **L03040513**

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

2 **L08040513**

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

3 **L091011**

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

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

Comments: A If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

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

See Section V (ITD Terms Specification and Formulas) for usage examples.

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

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

Data Element Summary

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

ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period 1 Ship Date 2 Delivery Date 3 Invoice Date 4 Specified Date 7 Effective Date The date is specified in the DTM segment in the header area using code 007 in DTM01. 8 Invoice Transmission Date 15 Receipt of Goods	O ID 1/2
ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	O R 1/6
ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	C DT 8/8
ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	C NO 1/3
ITD06	446	Terms Net Due Date Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O DT 8/8
ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable) The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	O NO 1/3
ITD08	362	Terms Discount Amount Total amount of terms discount	O N2 1/10
ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O DT 8/8
ITD10	389	Deferred Amount Due Deferred amount due for payment	C N2 1/10
ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	C R 1/5
ITD12	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced	C NO 1/2
ITD14	107	Payment Method Code 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	O ID 1/2

ITD15	954	Percent Percentage expressed as a decimal	O	R	1/10
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	
		010 Requested Ship	
		015 Promotion Start Advertising date	
		037 Ship Not Before If the retailer allows shipment before the requested ship date, this is the earliest date shipping can occur	
		038 Ship No Later	
		063 Do Not Deliver After	
		064 Do Not Deliver Before	
		077 Requested for Delivery (Week of) The date will be the beginning day of the week. The week is measured as the next seven days, including the beginning day.	
		087 Requested for Shipment (Week of) The date will be the beginning day of the week. The week is measured as the next seven days, including the beginning day.	
		118 Requested Pick-up	
		410 Date of Firm Commitment	
		704 Delivery Appointment Date and Time	
		AA3 Cancel After, Ex Country	
		AA4 Cancel After, Ex Factory	
		AA5 Do Not Ship Before, Ex Country	
		AA6 Do Not Ship Before, Ex Factory	
▶ 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	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)			
DTM04	623	Time Code	O ID 2/2
Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow			
NOT USED BY THE RETAIL INDUSTRY			
DTM05	1250	Date Time Period Format Qualifier	C ID 2/3
Code indicating the date format, time format, or date and time format			
NOT USED BY THE RETAIL INDUSTRY			
DTM06	1251	Date Time Period	C AN 1/35
Expression of a date, a time, or range of dates, times or dates and times			
NOT USED BY THE RETAIL INDUSTRY			

Segment: 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 F Free-form The description will be found in PID05. S Structured (From Industry Code List) The description will be found in PID04.	M ID 1/1
PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic 08 Product	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
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: PWK Paperwork

Level: Header

Loop: —

Usage: Optional

Max Use: 25

Purpose: To identify the type or transmission or both of paperwork or supporting information

Syntax: 1 P0506

If either PWK05 or PWK06 is present, then the other is required.

Comments: A PWK05 and PWK06 may be used to identify the addressee by a code number.

B PWK07 may be used to indicate special information to be shown on the specified report.

C PWK08 may be used to indicate action pertaining to a report.

Notes: This segment is used primarily by an importer to communicate document requirements to the vendor. The vendor must deliver the required documents to the shipping agent to obtain a cargo receipt. The cargo receipt is then used to obtain payment for the purchase order.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PWK01	755	Report Type Code Code indicating the title or contents of a document, report or supporting item	M ID 2/2
		78 Visa/Export License	
		79 Multi-Country Textile Declaration	
		80 Single Country Textile Declaration	
		81 Negative Textile Declaration	
		82 Endangered Species Convention on International Trade in Endangered Species (CITES)	
		83 Trademark Release	
		84 Water Resistance Statement	
		85 Certificate of Ceramicware Ceramics Commodities Inspection Bureau (CCIB)	
		86 Wearing Apparel Detail Sheet (WADS)	
		87 Interim Footwear Invoice	
		88 Impact Resistance Statement	
		89 Toxic Substance Compliance Statement	
		90 Foreign Shippers Declaration	
		91 Veterinarian Certificate	
		92 Child Labor Certificate	
		93 Prison Labor Certificate	
		94 Purchase Order Copy	
		AW Air Waybill	
		BL Bill of Lading	
		BN Beneficiary Certificate	
		BO Bill of Lading Original	
		C9 Certification/Authorization Document	
		CG Certificate of Origin	
		CI Certificate of Inspection Report	
		EX Shippers Export Declaration	
		FC Fumigation Certificate	
		IC Insurance Certificate	

		LA Laboratory Results			
		ND Commercial Invoice			
		P1 Packing List			
		SB Sample Approval and Rejection List			
PWK02	756	Report Transmission Code	O ID	1/2	
		Code defining timing, transmission method or format by which reports are to be sent			
		WS With Shipment (With Package)			
PWK03	757	Report Copies Needed	O NO	1/2	
		The number of copies of a report that should be sent to the addressee			
PWK04	98	Entity Identifier Code	O ID	2/3	
		Code identifying an organizational entity, a physical location, property or an individual			
		CS Consolidator			
		FW Forwarder			
PWK05	66	Identification Code Qualifier	C ID	1/2	
		Code designating the system/method of code structure used for Identification Code (67)			
		NOT USED BY THE RETAIL INDUSTRY			
PWK06	67	Identification Code	C AN	2/80	
		Code identifying a party or other code			
		NOT USED BY THE RETAIL INDUSTRY			
PWK07	352	Description	O AN	1/80	
		A free-form description to clarify the related data elements and their content			
PWK08	C002	ACTIONS INDICATED	O	COMPOSITE	
		Actions to be performed on the piece of paperwork identified			
- 1	704	Paperwork/Report Action Code	M ID	1/2	
		Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required			
		ON Original Not Required (Copies Acceptable)			
		OR Original Required			
- 2	704	Paperwork/Report Action Code	O ID	1/2	
		Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required			
		NOT USED BY THE RETAIL INDUSTRY			
- 3	704	Paperwork/Report Action Code	O ID	1/2	
		Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required			
		NOT USED BY THE RETAIL INDUSTRY			
- 4	704	Paperwork/Report Action Code	O ID	1/2	
		Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required			
		NOT USED BY THE RETAIL INDUSTRY			
- 5	704	Paperwork/Report Action Code	O ID	1/2	
		Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required			
		NOT USED BY THE RETAIL INDUSTRY			
PWK09	1525	Request Category Code	O ID	1/2	
		Code indicating a type of request			
		NOT USED BY THE RETAIL INDUSTRY			

Segment: **PKG** Marking, Packaging, Loading
Level: Header
Loop: ___
Usage: Optional
Max Use: 200
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 NOT USED BY THE RETAIL INDUSTRY	C ID 1/1
PKG02	753	Packaging Characteristic Code Code specifying the marking, packaging, loading and related characteristics being described NOT USED BY THE RETAIL INDUSTRY	O ID 1/5
PKG03	559	Agency Qualifier Code Code identifying the agency assigning the code values NOT USED BY THE RETAIL INDUSTRY	C ID 2/2
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 NOT USED BY THE RETAIL INDUSTRY	C AN 1/7
PKG05	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
PKG06	400	Unit Load Option Code Code identifying loading or unloading a shipment 01 Palletized 02 Floor Stack/Hand Pile 03 Mixed 04 Slip Sheet 05 Module 06 Clampable 07 Bop Sheet 08 Airbag/Slipsheet Combination	C ID 2/2

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

Segment: TD5 Carrier Details (Routing Sequence/Transit Time)

Level: Header

Loop: ___

Usage: Optional

Max Use: >1

Purpose: To specify the carrier and sequence of routing and provide transit time information

Syntax: 1 R0204050612

At least one of TD502, TD504, TD505, TD506 or TD512 is required.

2 C0203

If TD502 is present, then TD503 is required.

3 C0708

If TD507 is present, then TD508 is required.

4 C1011

If TD510 is present, then TD511 is required.

5 C1312

If TD513 is present, then TD512 is required.

6 C1413

If TD514 is present, then TD513 is required.

7 C1512

If TD515 is present, then TD512 is required.

Semantic: 1 TD515 is the country where the service is to be performed.

Comments: A When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Notes: This segment is used to specify every carrier in the routing sequence or a specific routing sequence that has been previously identified (usually from a routing guide). The segment can also be used to indicate estimated transit time in days. Only use TD501 if needed for clarity; this is not a requirement in most retail applications. When referring to a pre-established routing guide, use code 91 or 92 in TD502, and identify the routing sequence, from the routing guide, in TD503. To identify a specific private parcel service, TD502 will contain code 2, and TD503 will contain the corresponding SCAC. TD510 and TD511 are used to specify transit time.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD501	133	Routing Sequence Code	O ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement	
		1 1st Carrier after Origin Carrier	
		2 2nd Carrier after Origin Carrier	
		3 3rd Carrier after Origin Carrier	
		4 4th Carrier after Origin Carrier	
		5 5th Carrier after Origin Carrier	
		6 6th Carrier after Origin Carrier	
		7 7th Carrier after Origin Carrier	
		8 8th Carrier after Origin Carrier	
		9 9th Carrier after Origin Carrier	
		A Origin Carrier, Agent's Routing (Rail)	
		B Origin/Delivery Carrier (Any Mode)	

			<ul style="list-style-type: none"> O Origin Carrier (Air, Motor, or Ocean) S Origin Carrier, Shipper's Routing (Rail) 		
TD502	66	Identification Code Qualifier		C ID	1/2
		Code designating the system/method of code structure used for Identification Code (67)			
		2 Standard Carrier Alpha Code (SCAC)			
		See External Code Source 17 in Section III for reference document.			
		3 Federal Maritime Commission (Ocean) (FMC)			
		See External Code Source 18 in Section III for reference document.			
		4 International Air Transport Association (IATA)			
		See External Code Source 2 in Section III for reference document.			
		91 Assigned by Seller or Seller's Agent			
		92 Assigned by Buyer or Buyer's Agent			
TD503	67	Identification Code		C AN	2/80
		Code identifying a party or other code			
TD504	91	Transportation Method/Type Code		C ID	1/2
		Code specifying the method or type of transportation for the shipment			
		A Air			
		AE Air Express			
		BU Bus			
		C Consolidation			
		CE Customer Pickup / Customer's Expense			
		D Parcel Post			
		E Expedited Truck			
		H Customer Pickup			
		L Contract Carrier			
		LT Less Than Trailer Load (LTL)			
		This code is used only when freight pricing is dependent on the shipment mode.			
		M Motor (Common Carrier)			
		O Containerized Ocean			
		R Rail			
		S Ocean			
		SR Supplier Truck			
		T Best Way (Shippers Option)			
		U Private Parcel Service			
		X Intermodal (Piggyback)			
TD505	387	Routing		C AN	1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity			
TD506	368	Shipment/Order Status Code		C ID	2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction			
		BK Back Ordered from Previous Order			
		BP Shipment Partial, Back Order to Ship on (Date)			
		IS Item Represents Substitution from Original Order			
		PR Partial Shipment			
TD507	309	Location Qualifier		O ID	1/2
		Code identifying type of location			
		DC Distribution Center Number			
		PA Port of Arrival			
		PE Port of Entry			

		SN Store Number			
TD508	310	Location Identifier Code which identifies a specific location	C	AN	1/30
When TD508 contains code PA or PE, refer to U.S. Census Schedule D, U.S. Customs District/Port Codes and official code lists relevant to other countries (entry country).					
TD509	731	Transit Direction Code The point of origin and point of direction	O	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
TD510	732	Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time CD Calendar Days (Includes weekends and Holidays)	O	ID	2/2
TD511	733	Transit Time The numeric amount of transit time	C	R	1/4
Transit time in days					
TD512	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier 09 Premium Surface ET Proof of Delivery (POD) with Signature ND Next Day Air NH Next Day Hundred Weight PB Priority Mail PI Priority Mail Insured SC Second Day Air SH Second Day Hundred Weight SI Standard Ground Hundred Weight	C	ID	2/2
TD513	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	C	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
TD514	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier ET Proof of Delivery (POD) with Signature	O	ID	2/2
TD515	26	Country Code Code identifying the country	O	ID	2/3
NOT USED BY THE RETAIL INDUSTRY					

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	C	ID	2/2
		2B 20 ft. IL Container (Closed Top)			
		4B 40 ft. IL Container (Closed Top)			
		AT Closed Container (Controlled Temperature)			
		CI Container, Insulated			
		CK Container, Heated/Insulated/Ventilated			
		CN Container			
		CV Closed Van			
		CZ Refrigerated Container			
		FT Flat Bed Trailer			
		RC Refrigerated (Reefer) Car			
		RT Controlled Temperature Trailer (Reefer)			
		TA Trailer, Heated/Insulated/Ventilated			
		TL Trailer (not otherwise specified)			
TD302	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number	O	AN	1/4
		NOT USED BY THE RETAIL INDUSTRY			
TD303	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	C	AN	1/15
		NOT USED BY THE RETAIL INDUSTRY			
TD304	187	Weight Qualifier Code defining the type of weight	O	ID	1/2
		NOT USED BY THE RETAIL INDUSTRY			
TD305	81	Weight Numeric value of weight	C	R	1/10
		NOT USED BY THE RETAIL INDUSTRY			
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	C	ID	2/2
		NOT USED BY THE RETAIL INDUSTRY			
TD307	102	Ownership Code Code indicating the relationship of equipment to carrier or ownership of equipment	O	ID	1/1
		NOT USED BY THE RETAIL INDUSTRY			

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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: TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)

Level: Header

Loop: ___

Usage: Optional

Max Use: 5

Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax: 1 R010204
At least one of TD401, TD402 or TD404 is required.

2 C0203
If TD402 is present, then TD403 is required.

Semantic: 1 TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.

Notes: This segment is used to override pre-agreed routing to a consolidation point and is used primarily for imports.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
TD401	152	Special Handling Code Code specifying special transportation handling instructions BCP Bypass Consolidation Point	C	ID	2/3
TD402	208	Hazardous Material Code Qualifier Code which qualifies the Hazardous Material Class Code (209) NOT USED BY THE RETAIL INDUSTRY	C	ID	1/1
TD403	209	Hazardous Material Class Code Code specifying the kind of hazard for a material NOT USED BY THE RETAIL INDUSTRY	C	AN	1/4
TD404	352	Description A free-form description to clarify the related data elements and their content	C	AN	1/80
TD405	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response NOT USED BY THE RETAIL INDUSTRY	O	ID	1/1

Segment: **PCT** Percent Amounts
 Level: Header
 Loop: ___
 Usage: Optional
 Max Use: >1
 Purpose: To qualify percent amounts and supply percent amounts

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
➤ PCT01	1004	Percent Qualifier Code to qualify percent AU Minimum Purchase Liability	M	ID	1/2
➤ PCT02	954	Percent Percentage expressed as a decimal The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	M	R	1/10

Segment: CTB Restrictions/Conditions

Level: Header

Loop: ___

Usage: Optional

Max Use: 5

Purpose: To specify restrictions/conditions (such as shipping, ordering)

Syntax: 1 **R020406**

At least one of CTB02, CTB04 or CTB06 is required.

2 **P0304**

If either CTB03 or CTB04 is present, then the other is required.

3 **P0506**

If either CTB05 or CTB06 is present, then the other is required.

4 **C0704**

If CTB07 is present, then CTB04 is required.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
▶ CTB01	688	Restrictions/Conditions Qualifier Code identifying the type of restriction/condition AA Paperwork	M	ID	2/2
CTB02	352	Description A free-form description to clarify the related data elements and their content	C	AN	1/80
CTB03	673	Quantity Qualifier Code specifying the type of quantity DY Days	C	ID	2/2
CTB04	380	Quantity Numeric value of quantity	C	R	1/15
CTB05	522	Amount Qualifier Code Code to qualify amount	C	ID	1/3
NOT USED BY THE RETAIL INDUSTRY					
CTB06	610	Amount Monetary amount	C	N2	1/15
NOT USED BY THE RETAIL INDUSTRY					
CTB07	C001	COMPOSITE UNIT OF MEASURE To identify a composite unit of measure	O	COMPOSITE	
NOT USED BY THE RETAIL INDUSTRY					

Segment: **N9 Reference Identification**
Level: Header
Loop: N9 **Usage:** Optional **Max Use:** 1000
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax: 1 **R0203**
 At least one of N902 or N903 is required.
 2 **C0605**
 If N906 is present, then N905 is required.
Semantic: 1 N906 reflects the time zone which the time reflects.
 2 N907 contains data relating to the value cited in N902.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	N901	128 Reference Identification Qualifier Code qualifying the Reference Identification AH Agreement Number	M ID 2/3
➤	N902	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/50
	N903	369 Free-form Description Free-form descriptive text	C AN 1/45
	NOT USED BY THE RETAIL INDUSTRY		
	N904	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O DT 8/8
	NOT USED BY THE RETAIL INDUSTRY		
	N905	337 Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	C TM 4/8
	NOT USED BY THE RETAIL INDUSTRY		
	N906	623 Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
	NOT USED BY THE RETAIL INDUSTRY		
	N907	C040 REFERENCE IDENTIFIER To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O COMPOSITE
	NOT USED BY THE RETAIL INDUSTRY		

Segment: MTX Text

Level: Header

Loop: N9

Usage: Optional

Max Use: >1

Purpose: To specify textual data

Syntax: 1 **C0102**
If MTX01 is present, then MTX02 is required.

2 **C0302**
If MTX03 is present, then MTX02 is required.

3 **C0504**
If MTX05 is present, then MTX04 is required.

Semantic: 1 MTX05 is the number of lines to advance before printing.

Comments: A If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

Notes: This segment will contain any text clauses for the agreement referenced in the previous N9 segment.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
MTX01	363	Note Reference Code Code identifying the functional area or purpose for which the note applies	O	ID	3/3
NOT USED BY THE RETAIL INDUSTRY					
MTX02	1551	Message Text To transmit large volumes of message text	C	AN	1/4096
MTX03	1551	Message Text To transmit large volumes of message text	O	AN	1/4096
MTX04	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	C	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
MTX05	1470	Number A generic number	O	NO	1/9
NOT USED BY THE RETAIL INDUSTRY					
MTX06	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: N1 Name

Level: Header

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

Usage: Mandatory

Max Use: 1

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

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

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

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

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

Notes: 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 CT, L5, 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 destinations. 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 buyer 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 SN).

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 Code identifying an organizational entity, a physical location, property or an individual	M ID 2/3
		AG Agent/Agency	
		Buyer's agent	

- BL** Party to Receive Bill of Lading
This code will be deleted after Version 004040.
- BO** Broker or Sales Office
For a domestic purchase order, this is the manufacturer's sales office. For an import purchase order this is the sales office that interacts with the manufacturer's/buyer's agent.
- BS** Bill and Ship To
- BT** Bill-to-Party
- BY** Buying Party (Purchaser)
This code will be deleted after Version 004040.
- CB** Customs Broker
- CN** Consignee
- CS** Consolidator
This is the consolidation point for the order and must be used in conjunction with an additional N1 segment containing code ST in N101.
- CT** Country of Origin
- EX** Exporter
Owner of quota when not the manufacturer
- FR** Message From
- FW** Forwarder
Freight forwarder
- H9** Designer
This code will be deleted after Version 004040.
- L5** Contact
Entity responsible for the order.
- MA** Party for whom Item is Ultimately Intended
Ultimate receiver
- MF** Manufacturer of Goods
Manufacturer of goods being supplied when supplier is not the manufacturer
- NP** Notify Party for Shipper's Order
This code is used to identify the receiver of original documents for clearing goods through customs.
- OB** Ordered By
Customer of retailer
- SE** Selling Party
- SF** Ship From
- SN** Store
This location is used only for the direct to consumer orders to identify the location where the order was originated.
- ST** Ship To
- TO** Message To
- Z7** Mark-for Party
This is the ultimate destination for the order when the location is not the ship to and the mark for party is specified on the shipping label.

N102 93 Name C AN 1/60
Free-form name

N103	66	<p>Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)</p> <p>1 D-U-N-S Number, Dun & Bradstreet See External Code Source 16 in Section III for reference document.</p> <p>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.</p> <p>14 UCC/EAN Location Code Prefix This is the Global Location Number (GLN) prefix that may be used only when the EAN.UCC Location Code Suffix is used in the SDQ segment(s). See External Code Source 583 in Section III for reference document.</p> <p>21 Health Industry Number (HIN) See External Code Source 121 in Section III for reference document.</p> <p>38 Country Code See External Code Source 5 in Section III for reference document.</p> <p>91 Assigned by Seller or Seller's Agent</p> <p>92 Assigned by Buyer or Buyer's Agent</p> <p>93 Code assigned by the organization originating the transaction set</p> <p>94 Code assigned by the organization that is the ultimate destination of the transaction set</p> <p>UL UCC/EAN Location Code This is the 13-digit Global Location Number (GLN). See External Code Source 583 in Section III for reference document.</p>	C ID 1/2
N104	67	<p>Identification Code Code identifying a party or other code</p> <p>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.</p>	C AN 2/80
N105	706	<p>Entity Relationship Code Code describing entity relationship</p> <p>NOT USED BY THE RETAIL INDUSTRY</p>	O ID 2/2
N106	98	<p>Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual</p> <p>NOT USED BY THE RETAIL INDUSTRY</p>	O ID 2/3

Segment: N2 Additional Name Information

Level: Header

Loop: N1

Usage: Optional

Max Use: 2

Purpose: To specify additional names

Data Element Summary

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

Segment: N3 Address Information

Level: Header

Loop: N1

Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Data Element Summary

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

Segment: N4 Geographic Location

Level: Header

Loop: N1

Usage: Optional

Max Use: >1

Purpose: To specify the geographic place of the named party

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

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

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

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

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

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency See External Code Source 22 in Section III for reference document.	C ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) See External Code Source 51 in Section III for reference document.	O ID 3/15
N404	26	Country Code Code identifying the country See External Code Source 5 in Section III for reference document.	C ID 2/3
N405	309	Location Qualifier Code identifying type of location BS Place of Business H Home Address	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: REF Reference Identification

Level: Header

Loop: N1

Usage: Optional

Max Use: 12

Purpose: To specify identifying information

Syntax: 1 **R0203**
At least one of REF02 or REF03 is required.

Semantic: 1 REF04 contains data relating to the value cited in REF02.

Notes: This segment is used to identify a dock number, within the ship-to location, when the ship-to-location number does not uniquely identify the ship to and dock number. It also may be used to identify the floor number within the delivery location.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification 2J Floor Number DK Dock 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: N1

Usage: Optional

Max Use: >1

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 to specify appropriate telephone numbers for the entity identified in the previous N1 segment in a direct-to-consumer environment.

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 DC Delivery Contact OC Order 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 HP Home Phone Number TE Telephone WP Work Phone Number	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 HP Home Phone Number TE Telephone WP Work Phone Number	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 HP Home Phone Number TE Telephone WP Work Phone Number	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: TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)

Level: Header

Loop: N1

Usage: Optional

Max Use: 5

Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax: 1 R010204

At least one of TD401, TD402 or TD404 is required.

2 C0203

If TD402 is present, then TD403 is required.

Semantic: 1 TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.

Notes: This segment is used to specify any text instructions pertaining to the delivery of direct-to-consumer shipments.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
TD401	152	Special Handling Code Code specifying special transportation handling instructions HAN Handling	C	ID	2/3
TD402	208	Hazardous Material Code Qualifier Code which qualifies the Hazardous Material Class Code (209)	C	ID	1/1
NOT USED BY THE RETAIL INDUSTRY					
TD403	209	Hazardous Material Class Code Code specifying the kind of hazard for a material	C	AN	1/4
NOT USED BY THE RETAIL INDUSTRY					
TD404	352	Description A free-form description to clarify the related data elements and their content	C	AN	1/80
TD405	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					

Segment: PO1 Baseline Item Data

Level: Detail

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

Usage: Mandatory

Max Use: 1

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

Syntax: 1 **C0302**

If PO103 is present, then PO102 is required.

2 **C0504**

If PO105 is present, then PO104 is required.

3 **P0607**

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

4 **P0809**

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

5 **P1011**

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

6 **P1213**

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

7 **P1415**

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

8 **P1617**

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

9 **P1819**

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

10 **P2021**

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

11 **P2223**

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

12 **P2425**

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

Comments: A 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.

Notes: The multi-SKU case pack is used by retailers to order cases packed with specific items, each with a specific quantity. This is similar to the dynamic assortment, however, the unit of measurement code in PO103 is different for each use.

For dynamic assortments, PO103 will contain code AS. This identifies the item listed in the Product/Service IDs as an assortment and the contents of the assortment are listed in subsequent SLN segments. For assortments, at least one occurrence of the Product/Service ID Qualifier and the Product/Service ID are required to identify the assortment. This may be a U.P.C., a vendor assigned number, or a retailer assigned number. There is no implication of packaging for assortments; this is part of the trading partners' business practices. Assortments are primarily used as an ordering tool.

For the multi-SKU case pack, PO103 will contain code CA, and there is no requirement to send a Product/Service ID in the PO1 segment. The use of code CA in PO103, and the presence of the SLN segments, informs the receiver to pack the cases with the SKUs and quantities in the SLN segments. The quantity in PO102 is the number of cases being ordered. Each SLN segment, that follows the PO1 segment, lists the Product ID, e.g., U.P.C., and the quantity of the SKU that is to be in the case. The total units in each case is the sum of the quantities in the SLN segment.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
	PO101	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
➤	PO102	Quantity Ordered Quantity ordered	C R 1/15
➤	PO103	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	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	Basis of Unit Price Code Code identifying the type of unit price for an item 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	O ID 2/2

		TE	Contract Price per Each			
		WD	Wholesale Price per Dozen			
		WE	Wholesale Price per Each			
PO106	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.				
PO107	234	Product/Service ID		C AN	1/48	
		Identifying number for a product or service				
PO108	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.				
PO109	234	Product/Service ID		C AN	1/48	
		Identifying number for a product or service				
PO110	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.				
PO111	234	Product/Service ID		C AN	1/48	
		Identifying number for a product or service				
PO112	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.				
PO113	234	Product/Service ID		C AN	1/48	
		Identifying number for a product or service				
PO114	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.				
PO115	234	Product/Service ID		C AN	1/48	
		Identifying number for a product or service				
PO116	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.				
PO117	234	Product/Service ID		C AN	1/48	
		Identifying number for a product or service				
PO118	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.				
PO119	234	Product/Service ID		C AN	1/48	
		Identifying number for a product or service				
PO120	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.				
PO121	234	Product/Service ID		C AN	1/48	
		Identifying number for a product or service				

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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: PO1/CTP **Usage:** Optional **Max Use:** >1

Usage: Mandatory

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 WH Wholesaler	O	ID	2/2
▶	CTP02	236 Price Identifier Code Code identifying pricing specification ALT Alternate Price CAT Catalog Price ELC Estimated Landed Cost FCP First Cost Price MSR Manufacturer's Suggested Retail 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	

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

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CTP07	649	Multiplier Value to be used as a multiplier to obtain a new value	C	R	1/10
NOT USED BY THE RETAIL INDUSTRY					
CTP08	782	Monetary Amount Monetary amount	O	R	1/18
NOT USED BY THE RETAIL INDUSTRY					
CTP09	639	Basis of Unit Price Code Code identifying the type of unit price for an item NT Net PE Price per Each	O	ID	2/2
CTP10	499	Condition Value Identifies rate restrictions or provisions	O	AN	1/10
This data element is used to specify the price bracket ID.					
CTP11	289	Multiple Price Quantity Quantity of units for a given price, e.g., 3 for \$10.00	O	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: CUR Currency

Level: Detail
Loop: PO1/CTP
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: This segment may be used to specify the currency for the price identified in the previous CTP segment.

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

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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 NOT USED BY THE RETAIL INDUSTRY	C ID 3/3
CUR08	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year NOT USED BY THE RETAIL INDUSTRY	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: MEA Measurements

Level: Detail
Loop: PO1
Usage: Optional

Max Use: 40

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

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

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

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

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
MEA01	737	Measurement Reference ID Code Code identifying the broad category to which a measurement applies PD Physical Dimensions SE Property Specifications These are the measurements of the area where the product is to be installed, e.g., window dimensions, fireplace box dimensions, etc.	O ID 2/2
MEA02	738	Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies DP Depth HT Height LN Length WD Width WT Weight	O ID 1/3
MEA03	739	Measurement Value The value of the measurement	C R 1/20
MEA04	C001	COMPOSITE UNIT OF MEASURE To identify a composite unit of measure	C COMPOSITE

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➤	- 1	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	M	ID	2/2
	- 2	1018	Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O	R	1/15
	- 3	649	Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O	R	1/10
	- 4	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	O	ID	2/2
	- 5	1018	Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O	R	1/15
	- 6	649	Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O	R	1/10
	- 7	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	O	ID	2/2
	- 8	1018	Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O	R	1/15
	- 9	649	Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O	R	1/10
	- 10	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	O	ID	2/2
	- 11	1018	Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O	R	1/15
	- 12	649	Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O	R	1/10
	- 13	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	O	ID	2/2
	- 14	1018	Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O	R	1/15
	- 15	649	Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O	R	1/10
	MEA05	740	Range Minimum The value specifying the minimum of the measurement range	C	R	1/20

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MEA06	741	Range Maximum The value specifying the maximum of the measurement range	C	R	1/20
MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value	O	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined	C	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
MEA10	1373	Measurement Method or Device The method or device used to record the measurement	O	ID	2/4
NOT USED BY THE RETAIL INDUSTRY					
MEA11	1270	Code List Qualifier Code Code identifying a specific industry code list	C	ID	1/3
MEA12	1271	Industry Code Code indicating a code from a specific industry code list	C	AN	1/30

Segment: PID Product/Item Description

Level: Detail

Loop: PO1/PID **Usage:** Optional **Max Use:** 1000

Usage: Mandatory

Max Use: 1

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

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

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

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

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

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

Data Element Summary

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

35 Color

Used only by the alcohol beverage industry

73 Vendor color description

74 Vendor size description

75 Buyer's Color Description

91 Buyer's Item Size Description

AGE Age

Used only by the alcohol beverage industry

Use the format MM or YR (e.g., 24MM indicates 24 months or 12YR indicates 12 years in PID05.)

B8 Bureau of Alcohol, Tobacco and Firearms Class Code

Used only by the alcohol beverage industry

See External Code Source 321 in Section III for reference document.

BCC Beverage Contents Characteristics, (e.g., Kosher, No Sulfites, etc. (Industry List)

Used only by the alcohol beverage industry

BEV Beverage Category

Used only by the alcohol beverage industry

BND Brand Group

Used only by the alcohol beverage industry

FLV Flavor

Used only by the alcohol beverage industry

FQ Quality

Used only by the alcohol beverage industry

P6 Percentage of Alcohol

Used only by the alcohol beverage industry

PRI Grape Variety

Used only by the alcohol beverage industry

R3 Proof

Used only by the alcohol beverage industry

VI Vintage

Used only by the alcohol beverage industry

WD Warranty Description

WF Wine Fruit

Used only by the alcohol beverage industry

PID03 559 Agency Qualifier Code C ID 2/2

Code identifying the agency assigning the code values

AL National Alcohol Beverage Control Association

See External Code Source 320 in Section III for reference document.

VI Voluntary Inter-Industry Commerce Standard (VICS) EDI

See External Code Source 70 in Section III for reference document.

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

Segment: MEA Measurements

Level: Detail
Loop: PO1/PID
Usage: Optional

Max Use: 10

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

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

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

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

Notes: When the measurement value in MEA03 needs no further clarification, e.g., ring size, use code EA in MEA04.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
MEA01	737	Measurement Reference ID Code Code identifying the broad category to which a measurement applies PD Physical Dimensions SE Property Specifications These are the measurements of the area where the product is to be installed, e.g., window dimensions, fireplace box dimensions, etc.	O ID 2/2
MEA02	738	Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies DP Depth HT Height LN Length WD Width	O ID 1/3
MEA03	739	Measurement Value The value of the measurement	C R 1/20
MEA04	C001	COMPOSITE UNIT OF MEASURE To identify a composite unit of measure	C COMPOSITE

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➤	- 1	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	M	ID	2/2
	- 2	1018	Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O	R	1/15
	- 3	649	Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O	R	1/10
	- 4	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	O	ID	2/2
	- 5	1018	Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O	R	1/15
	- 6	649	Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O	R	1/10
	- 7	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	O	ID	2/2
	- 8	1018	Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O	R	1/15
	- 9	649	Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O	R	1/10
	- 10	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	O	ID	2/2
	- 11	1018	Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O	R	1/15
	- 12	649	Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O	R	1/10
	- 13	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken NOT USED BY THE RETAIL INDUSTRY	O	ID	2/2
	- 14	1018	Exponent Power to which a unit is raised NOT USED BY THE RETAIL INDUSTRY	O	R	1/15
	- 15	649	Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	O	R	1/10
	MEA05	740	Range Minimum The value specifying the minimum of the measurement range	C	R	1/20

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MEA06	741	Range Maximum The value specifying the maximum of the measurement range	C	R	1/20
MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value	O	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined	C	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O	ID	2/2
NOT USED BY THE RETAIL INDUSTRY					
MEA10	1373	Measurement Method or Device The method or device used to record the measurement	O	ID	2/4
NOT USED BY THE RETAIL INDUSTRY					
MEA11	1270	Code List Qualifier Code Code identifying a specific industry code list	C	ID	1/3
MEA12	1271	Industry Code Code indicating a code from a specific industry code list	C	AN	1/30

Segment: PWK Paperwork

Level: Detail

Loop: PO1

Usage: Optional

Max Use: 25

Purpose: To identify the type or transmission or both of paperwork or supporting information

Syntax: 1 P0506

If either PWK05 or PWK06 is present, then the other is required.

Comments: A PWK05 and PWK06 may be used to identify the addressee by a code number.

B PWK07 may be used to indicate special information to be shown on the specified report.

C PWK08 may be used to indicate action pertaining to a report.

Notes: This segment is used primarily by an importer to communicate document requirements to the vendor. The vendor must deliver the required documents to the shipping agent to obtain a cargo receipt. The cargo receipt is then used to obtain payment for the purchase order.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PWK01	755	Report Type Code Code indicating the title or contents of a document, report or supporting item AW Air Waybill BL Bill of Lading BN Beneficiary Certificate BO Bill of Lading Original CG Certificate of Origin CI Certificate of Inspection Report EX Shippers Export Declaration FC Fumigation Certificate IC Insurance Certificate LA Laboratory Results ND Commercial Invoice P1 Packing List SB Sample Approval and Rejection List	M ID 2/2
PWK02	756	Report Transmission Code Code defining timing, transmission method or format by which reports are to be sent WS With Shipment (With Package)	O ID 1/2
PWK03	757	Report Copies Needed The number of copies of a report that should be sent to the addressee	O NO 1/2
PWK04	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual CS Consolidator FW Forwarder	O ID 2/3
PWK05	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
PWK06	67	Identification Code Code identifying a party or other code NOT USED BY THE RETAIL INDUSTRY	C AN 2/80

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	PWK07	352	Description A free-form description to clarify the related data elements and their content	O AN	1/80
	PWK08	C002	ACTIONS INDICATED Actions to be performed on the piece of paperwork identified	O	COMPOSITE
➤	- 1	704	Paperwork/Report Action Code Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required ON Original Not Required (Copies Acceptable) OR Original Required	M ID	1/2
	- 2	704	Paperwork/Report Action Code Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required NOT USED BY THE RETAIL INDUSTRY	O ID	1/2
	- 3	704	Paperwork/Report Action Code Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required NOT USED BY THE RETAIL INDUSTRY	O ID	1/2
	- 4	704	Paperwork/Report Action Code Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required NOT USED BY THE RETAIL INDUSTRY	O ID	1/2
	- 5	704	Paperwork/Report Action Code Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required NOT USED BY THE RETAIL INDUSTRY	O ID	1/2
	PWK09	1525	Request Category Code Code indicating a type of request NOT USED BY THE RETAIL INDUSTRY	O ID	1/2

Segment: PO4 Item Physical Details

Level: Detail

Loop: PO1

Usage: Optional

Max Use: >1

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

Syntax: 1 P0203

If either PO402 or PO403 is present, then the other is required.

2 C0506

If PO405 is present, then PO406 is required.

3 P0607

If either PO406 or PO407 is present, then the other is required.

4 P0809

If either PO408 or PO409 is present, then the other is required.

5 C1013

If PO410 is present, then PO413 is required.

6 C1113

If PO411 is present, then PO413 is required.

7 C1213

If PO412 is present, then PO413 is required.

8 L13101112

If PO413 is present, then at least one of PO410, PO411 or PO412 is required.

9 C1716

If PO417 is present, then PO416 is required.

10 C1804

If PO418 is present, then PO404 is required.

Semantic: 1 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.

2 PO416 is the package identifier or the beginning package identifier in a range of identifiers.

3 PO417 is the ending package identifier in a range of identifiers.

4 PO418 is the number of packages in this layer.

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

B PO413 defines the unit of measure for PO410, PO411, and PO412.

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

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

Data Element Summary

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

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

Segment: **REF** Reference Identification
Level: Detail
Loop: PO1
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax: 1 **R0203**
 At least one of REF02 or REF03 is required.
Semantic: 1 REF04 contains data relating to the value cited in REF02.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification ACL Application Transaction Reference Number FI File Identifier FTP File Transfer Protocol (FTP) Locator LMI Local Media Identifier URL Uniform Resource Locator	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	C AN 1/80
NOT USED BY THE RETAIL INDUSTRY			
REF04	C040	REFERENCE IDENTIFIER To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O COMPOSITE
➤ - 1	128	Reference Identification Qualifier Code qualifying the Reference Identification FI File Identifier	M ID 2/3
➤ - 2	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/50
- 3	128	Reference Identification Qualifier Code qualifying the Reference Identification FI File Identifier	C ID 2/3
- 4	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/50
- 5	128	Reference Identification Qualifier Code qualifying the Reference Identification FI File Identifier	C ID 2/3
- 6	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/50

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

Level: Detail

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

Usage: Mandatory

Max Use: 1

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax: 1 **R0203**

At least one of SAC02 or SAC03 is required.

2 **P0304**

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

3 **P0607**

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

4 **P0910**

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

5 **C1110**

If SAC11 is present, then SAC10 is required.

6 **L130204**

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

7 **C1413**

If SAC14 is present, then SAC13 is required.

8 **C1615**

If SAC16 is present, then SAC15 is required.

Semantic: 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.

2 SAC05 is the total amount for the service, promotion, allowance, or charge.

3 If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.

4 SAC08 is the allowance or charge rate per unit.

5 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.

6 SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.

7 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.

8 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

9 SAC16 is used to identify the language being used in SAC15.

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

B In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: **There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the header area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the header area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.**

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

Data Element Summary

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

SAC10	380	Quantity Numeric value of quantity	C R	1/15
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.				
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.				
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
01 Bill Back				
The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.				
02 Off Invoice				
The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.				
03 Vendor Check to Customer				
The vendor will issue a check directly to the customer of the retailer, or end consumer, for the allowance or charge amount. The amount is not reflected in the total invoice amount.				
04 Credit Customer Account				
The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.				
05 Charge to be Paid by Vendor				
The vendor is responsible for the allowance or charge amount. The trading partners have agreed to the exact amount of adjudication. The amount will not be reflected in the total invoice amount.				
06 Charge to be Paid by Customer				
When the order/item is a direct ship to the customer, or end consumer of the retailer, the allowance or charge amount is the responsibility of the customer or end consumer. If it is not a drop ship to the customer of the retailer, then the allowance or charge amount is the responsibility of the retailer. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.				
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
See External Code Source 102 in Section III for reference document.				

Segment: CUR Currency

Level: Detail
Loop: PO1/SAC
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: This segment is used to identify the currency for the retail price specified in the associated CTP segment.

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 RQ Resale Customer	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 NOT USED BY THE RETAIL INDUSTRY	O R 4/10

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CUR04	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
CUR05	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified NOT USED BY THE RETAIL INDUSTRY	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 NOT USED BY THE RETAIL INDUSTRY	C ID	3/3
CUR08	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year NOT USED BY THE RETAIL INDUSTRY	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: CTP Pricing Information

Level: Detail
Loop: PO1/SAC
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 RS Resale	O	ID	2/2
▶	CTP02	Price Identifier Code Code identifying pricing specification CAT Catalog Price MSR Manufacturer's Suggested Retail PRP Promotional price Promotion/Event RTL Retail	C	ID	3/3
▶	CTP03	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	Quantity Numeric value of quantity NOT USED BY THE RETAIL INDUSTRY	C	R	1/15
	CTP05	COMPOSITE UNIT OF MEASURE To identify a composite unit of measure NOT USED BY THE RETAIL INDUSTRY	C	COMPOSITE	
	CTP06	Price Multiplier Qualifier Code indicating the type of price multiplier NOT USED BY THE RETAIL INDUSTRY	O	ID	3/3
	CTP07	Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	C	R	1/10
	CTP08	Monetary Amount Monetary amount NOT USED BY THE RETAIL INDUSTRY	O	R	1/18

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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: ITD Terms of Sale/Deferred Terms of Sale

Level: Detail
Loop: PO1
Usage: Optional

Max Use: 2

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

This segment may be used in the header area or the detail area, but not both.

See Section V (ITD Terms Specification and Formulas) for usage examples.

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

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

Data Element Summary

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

ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period 1 Ship Date 2 Delivery Date 3 Invoice Date 4 Specified Date 7 Effective Date The date is specified in the DTM segment in the header area using code 007 in DTM01. 8 Invoice Transmission Date 15 Receipt of Goods	O ID 1/2
ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	O R 1/6
ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	C DT 8/8
ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	C NO 1/3
ITD06	446	Terms Net Due Date Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O DT 8/8
ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable) The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	O NO 1/3
ITD08	362	Terms Discount Amount Total amount of terms discount	O N2 1/10
ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year	O DT 8/8
ITD10	389	Deferred Amount Due Deferred amount due for payment	C N2 1/10
ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	C R 1/5
ITD12	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced	C NO 1/2
ITD14	107	Payment Method Code 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	O ID 1/2

ITD15	954	Percent Percentage expressed as a decimal	O	R	1/10
NOT USED BY THE RETAIL INDUSTRY					

Segment: SDQ Destination Quantity

Level: Detail
Loop: PO1
Usage: Optional

Max Use: 500

Purpose: To specify destination and quantity detail

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

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

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

Notes: This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103, and all occurrences of Data Element 67 in this segment function as N104. The sum of all quantities in the SDQ segment(s) for a line item must equal the quantity ordered in PO102.

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 UCC/EAN Location Code

This is the 13-digit Global Location Number (GLN).

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

UM UCC/EAN Location Code Suffix

This is the Global Location Number (GLN) Suffix that may be used only when the Global Location Number (GLN) Prefix has been specified in the Header Level N1 segment.

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

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

Segment: DTM Date/Time Reference

Level: Detail
Loop: PO1
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 only for direct-to-consumer shipments.

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 010 Requested Ship	M ID 3/3
➤ DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	C DT 8/8
DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	C TM 4/8
NOT USED BY THE RETAIL INDUSTRY			
DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
DTM05	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	C ID 2/3
NOT USED BY THE RETAIL INDUSTRY			
DTM06	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	C AN 1/35
NOT USED BY THE RETAIL INDUSTRY			

Segment: **TC2** Commodity
Level: Detail
Loop: PO1
Usage: Optional
Max Use: >1
Purpose: To identify a commodity or a group of commodities or a tariff page commodity

Data Element Summary

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

Segment: TD5 Carrier Details (Routing Sequence/Transit Time)

Level: Detail
Loop: PO1
Usage: Optional

Max Use: 12

Purpose: To specify the carrier and sequence of routing and provide transit time information

- Syntax:**
- 1 R0204050612**
At least one of TD502, TD504, TD505, TD506 or TD512 is required.
 - 2 C0203**
If TD502 is present, then TD503 is required.
 - 3 C0708**
If TD507 is present, then TD508 is required.
 - 4 C1011**
If TD510 is present, then TD511 is required.
 - 5 C1312**
If TD513 is present, then TD512 is required.
 - 6 C1413**
If TD514 is present, then TD513 is required.
 - 7 C1512**
If TD515 is present, then TD512 is required.

Semantic: 1 TD515 is the country where the service is to be performed.

Comments: A When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
TD501	133	Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement NOT USED BY THE RETAIL INDUSTRY	O ID 1/2
TD502	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 2 Standard Carrier Alpha Code (SCAC) See External Code Source 17 in Section III for reference document. 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent	C ID 1/2
TD503	67	Identification Code Code identifying a party or other code	C AN 2/80
TD504	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment A Air C Consolidation H Customer Pickup M Motor (Common Carrier) T Best Way (Shippers Option) U Private Parcel Service	C ID 1/2
TD505	387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	C AN 1/35

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TD506	368	Shipment/Order Status Code Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	C ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
TD507	309	Location Qualifier Code identifying type of location	O ID 1/2
NOT USED BY THE RETAIL INDUSTRY			
TD508	310	Location Identifier Code which identifies a specific location	C AN 1/30
NOT USED BY THE RETAIL INDUSTRY			
TD509	731	Transit Direction Code The point of origin and point of direction	O ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
TD510	732	Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time	O ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
TD511	733	Transit Time The numeric amount of transit time	C R 1/4
NOT USED BY THE RETAIL INDUSTRY			
TD512	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	C ID 2/2
		09 Premium Surface	
		ET Proof of Delivery (POD) with Signature	
		ND Next Day Air	
		NH Next Day Hundred Weight	
		PB Priority Mail	
		PI Priority Mail Insured	
		SC Second Day Air	
		SH Second Day Hundred Weight	
		SI Standard Ground Hundred Weight	
TD513	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	C ID 2/2
		ET Proof of Delivery (POD) with Signature	
TD514	284	Service Level Code Code indicating the level of transportation service or the billing service offered by the transportation carrier	O ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
TD515	26	Country Code Code identifying the country	O ID 2/3
NOT USED BY THE RETAIL INDUSTRY			

Segment: PKG Marking, Packaging, Loading

Level: Detail

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

Usage: Mandatory

Max Use: 1

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

Syntax: 1 **R040506**

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

2 **C0403**

If PKG04 is present, then PKG03 is required.

3 **C0501**

If PKG05 is present, then PKG01 is required.

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

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

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

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

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

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

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
PKG01	349	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: N9 Reference Identification

Level: Detail

Loop: PO1/N9 **Usage:** Optional **Max Use:** 1000

Usage: Mandatory

Max Use: 1

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Syntax: 1 R0203
At least one of N902 or N903 is required.

2 C0605
If N906 is present, then N905 is required.

Semantic: 1 N906 reflects the time zone which the time reflects.

2 N907 contains data relating to the value cited in N902.

Notes: Codes 3O, 3R, and 3T are reference number qualifiers used to identify a reference number assigned by the U.S. Customs Service (USCS) after they have reviewed an item and determined the proper tariff classification in the harmonized system. These rulings are binding to both the importer and U.S. Customs. These ruling numbers are required by U.S. Customs to be shown on entry documents.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ N901	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
		3O U.S. Customs Service (USCS) Pre-approval Ruling Number U.S. Customs has determined that the importer has proper knowledge and procedures in place to ensure correct tariff classifications	
		3R U.S. Customs Service (USCS) Binding Ruling Number Requested of and issued by U.S. Customs headquarters	
		3T U.S. Customs Service (USCS) Pre-classification Ruling Number Requested of and issued by U.S. Customs National Import Specialist	
		BV Purchase Order Line Item Identifier (Buyer) Salescheck line item number. This is not the same as the purchase order line item number.	
		CO Customer Order Number Customer of retailer	
		DP Department Number This code may be used in the header area or the detail area, but not both.	
		PD Promotion/Deal Number	
		QC Product Specification Document Number Schematic reference number	
		SE Serial Number	
➤ N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/50
N903	369	Free-form Description Free-form descriptive text NOT USED BY THE RETAIL INDUSTRY	C AN 1/45

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N904	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O DT 8/8
NOT USED BY THE RETAIL INDUSTRY			
N905	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	C TM 4/8
NOT USED BY THE RETAIL INDUSTRY			
N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
NOT USED BY THE RETAIL INDUSTRY			
N907	C040	REFERENCE IDENTIFIER To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O COMPOSITE
NOT USED BY THE RETAIL INDUSTRY			

Segment: N1 Name

Level: Detail

Loop: PO1/N1 **Usage:** Optional **Max Use:** 200

Usage: Mandatory

Max Use: 1

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

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

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

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

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

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

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 ST Ship To	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: PO1/N1

Usage: Optional

Max Use: 2

Purpose: To specify additional names

Data Element Summary

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

Segment: N3 Address Information

Level: Detail

Loop: PO1/N1

Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Data Element Summary

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

Segment: N4 Geographic Location

Level: Detail
Loop: PO1/N1
Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

- Syntax:**
- 1 E0207**
Only one of N402 or N407 may be present.
 - 2 C0605**
If N406 is present, then N405 is required.
 - 3 C0704**
If N407 is present, then N404 is required.

- Comments:**
- A** A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 - B** N402 is required only if city name (N401) is in the U.S. or Canada.

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 BS Place of Business H Home Address	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: **REF** Reference Identification

Level: Detail

Loop: PO1/N1

Usage: Optional

Max Use: 12

Purpose: To specify identifying information

Syntax: 1 **R0203**

At least one of REF02 or REF03 is required.

Semantic: 1 REF04 contains data relating to the value cited in REF02.

Notes: This segment is used only by the alcohol beverage industry to specify the stop sequence number for the location specified in the preceding N1 segment.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤ REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification QN Stop Sequence 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	C AN 1/80
NOT USED BY THE RETAIL INDUSTRY			
REF04	C040	REFERENCE IDENTIFIER To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O COMPOSITE
NOT USED BY THE RETAIL INDUSTRY			

Segment: PER Administrative Communications Contact

Level: Detail
Loop: PO1/N1
Usage: Optional

Max Use: 3

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

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

Data Element Summary

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

Segment: DTM Date/Time Reference

Level: Detail
Loop: PO1/N1
Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates and times

- Syntax:**
- 1 R020305**
At least one of DTM02, DTM03 or DTM05 is required.
 - 2 C0403**
If DTM04 is present, then DTM03 is required.
 - 3 P0506**
If either DTM05 or DTM06 is present, then the other is required.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
➤	DTM01	374 Date/Time Qualifier Code specifying type of date or time, or both date and time 002 Delivery Requested 010 Requested Ship	M ID 3/3
➤	DTM02	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	C DT 8/8
	DTM03	337 Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	C TM 4/8
		NOT USED BY THE RETAIL INDUSTRY	
	DTM04	623 Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
		NOT USED BY THE RETAIL INDUSTRY	
	DTM05	1250 Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	C ID 2/3
		NOT USED BY THE RETAIL INDUSTRY	
	DTM06	1251 Date Time Period Expression of a date, a time, or range of dates, times or dates and times	C AN 1/35
		NOT USED BY THE RETAIL INDUSTRY	

Segment: TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)

Level: Detail
Loop: PO1/N1
Usage: Optional

Max Use: 5

Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax: 1 R010204
At least one of TD401, TD402 or TD404 is required.

2 C0203
If TD402 is present, then TD403 is required.

Semantic: 1 TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.

Notes: This segment is used to specify any text instructions pertaining to the delivery of direct-to-consumer shipments.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
TD401	152	Special Handling Code Code specifying special transportation handling instructions HAN Handling	C	ID	2/3
TD402	208	Hazardous Material Code Qualifier Code which qualifies the Hazardous Material Class Code (209)	C	ID	1/1
NOT USED BY THE RETAIL INDUSTRY					
TD403	209	Hazardous Material Class Code Code specifying the kind of hazard for a material	C	AN	1/4
NOT USED BY THE RETAIL INDUSTRY					
TD404	352	Description A free-form description to clarify the related data elements and their content	C	AN	1/80
TD405	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					

Segment: **SLN** Subline Item Detail

Level: Detail

Loop: PO1/SLN **Usage:** Optional **Max Use:** 1000

Usage: Mandatory

Max Use: 1

Purpose: To specify product subline detail item data

Syntax: 1 **P0405**

If either SLN04 or SLN05 is present, then the other is required.

2 **C0706**

If SLN07 is present, then SLN06 is required.

3 **C0806**

If SLN08 is present, then SLN06 is required.

4 **P0910**

If either SLN09 or SLN10 is present, then the other is required.

5 **P1112**

If either SLN11 or SLN12 is present, then the other is required.

6 **P1314**

If either SLN13 or SLN14 is present, then the other is required.

7 **P1516**

If either SLN15 or SLN16 is present, then the other is required.

8 **P1718**

If either SLN17 or SLN18 is present, then the other is required.

9 **P1920**

If either SLN19 or SLN20 is present, then the other is required.

10 **P2122**

If either SLN21 or SLN22 is present, then the other is required.

11 **P2324**

If either SLN23 or SLN24 is present, then the other is required.

12 **P2526**

If either SLN25 or SLN26 is present, then the other is required.

13 **P2728**

If either SLN27 or SLN28 is present, then the other is required.

Semantic: 1 SLN01 is the identifying number for the subline item.

2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments: **A** SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

B SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

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

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

Data Element Summary

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

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

Level: Detail
Loop: PO1/SLN
Usage: Optional

Max Use: 1000

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 F Free-form The description will be found in PID05.	M ID 1/1
PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic 08 Product 73 Vendor color description 74 Vendor size description 75 Buyer's Color Description 91 Buyer's Item Size Description	O ID 2/3
PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values NOT USED BY THE RETAIL INDUSTRY	C ID 2/2
PID04	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic NOT USED BY THE RETAIL INDUSTRY	C AN 1/12
PID05	352	Description A free-form description to clarify the related data elements and their content	C AN 1/80

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

Segment: **TC2** Commodity

Level: Detail

Loop: PO1/SLN

Usage: Optional

Max Use: >1

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

Notes: If this segment is used in the detail area, the TC2 segment in the header area will not be used.

Data Element Summary

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

Segment: CTP Pricing Information

Level: Detail
Loop: PO1/SLN
Usage: Optional
Max Use: 25
Purpose: To specify pricing information

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

- Semantic:**
- 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
 - 2 CTP08 is the rebate amount.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
	CTP01	687 Class of Trade Code Code indicating class of trade AG Agent BG Buying Group DE Dealer DI Distributor RS Resale WH Wholesaler	O	ID	2/2
➤	CTP02	236 Price Identifier Code Code identifying pricing specification ALT Alternate Price CAT Catalog Price MSR Manufacturer's Suggested Retail 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: **PO4** Item Physical Details

Level: Detail

Loop: PO1/SLN

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, in the SLN loop, is used to inform the receiver of requested packing of the item specified in the previous SLN segment. For example, the SLN segment may specify 18 pairs of black socks. If the sender wanted to have the socks packaged three pairs to a pack, PO401 would contain 3. In some cases, vendors have several units of measure for the same SKU or U.P.C. If the unit of measurement code adequately specifies the packing, the PO4 segment is not required. See Section V (Pack/Inner Pack Usage) for usage examples.

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 The number of items in the package.	O NO 1/6
PO402	357	Size Size of supplier units in pack NOT USED BY THE RETAIL INDUSTRY	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 NOT USED BY THE RETAIL INDUSTRY	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 NOT USED BY THE RETAIL INDUSTRY	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 NOT USED BY THE RETAIL INDUSTRY	C ID 2/2
PO408	385	Gross Volume per Pack Numeric value of gross volume per pack NOT USED BY THE RETAIL INDUSTRY	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 NOT USED BY THE RETAIL INDUSTRY	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 NOT USED BY THE RETAIL INDUSTRY	O NO 1/6

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PO415	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					
PO416	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	C	AN	1/20
NOT USED BY THE RETAIL INDUSTRY					
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: PO1/SLN/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 Section III for code list.	C AN 1/10
SAC05	610	Amount Monetary amount When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.	O N2 1/15
SAC06	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated 1 Item List Cost 2 Item Net Cost 3 Discount/Gross All allowances are off the gross price including cash discount. 4 Discount/Net All allowances are off the gross price. Cash discounts are off the net. 5 Base Price per Unit Line item discount 6 Base Price Amount 7 Base Price Amount Less Previous Discount Declining balance method	C ID 1/1
SAC07	332	Percent Percent expressed as a percent The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	C R 1/6
SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
SAC09	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	C ID 2/2

SAC10	380	Quantity Numeric value of quantity	C R	1/15
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.				
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.				
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
01 Bill Back				
The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.				
02 Off Invoice				
The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.				
03 Vendor Check to Customer				
The vendor will issue a check directly to the customer of the retailer, or end consumer, for the allowance or charge amount. The amount is not reflected in the total invoice amount.				
04 Credit Customer Account				
The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.				
05 Charge to be Paid by Vendor				
The vendor is responsible for the allowance or charge amount. The trading partners have agreed to the exact amount of adjudication. The amount will not be reflected in the total invoice amount.				
06 Charge to be Paid by Customer				
When the order/item is a direct ship to the customer, or end consumer of the retailer, the allowance or charge amount is the responsibility of the customer or end consumer. If it is not a drop ship to the customer of the retailer, then the allowance or charge amount is the responsibility of the retailer. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.				
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
See External Code Source 102 in Section III for reference document.				

Segment: CUR Currency

Level: Detail
Loop: PO1/SLN/SAC
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: This segment is used to identify the currency for the retail price specified in the associated CTP segment.

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 RQ Resale Customer	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 NOT USED BY THE RETAIL INDUSTRY	O R 4/10

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CUR04	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
CUR05	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified NOT USED BY THE RETAIL INDUSTRY	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 NOT USED BY THE RETAIL INDUSTRY	C ID	3/3
CUR08	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year NOT USED BY THE RETAIL INDUSTRY	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: CTP Pricing Information

Level: Detail
Loop: PO1/SLN/SAC
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 RS Resale	O	ID	2/2
CTP02	236	Price Identifier Code Code identifying pricing specification CAT Catalog Price MSR Manufacturer's Suggested Retail PRP Promotional price Promotion/Event	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 NOT USED BY THE RETAIL INDUSTRY	C	R	1/15
CTP05	C001	COMPOSITE UNIT OF MEASURE To identify a composite unit of measure NOT USED BY THE RETAIL INDUSTRY	C	COMPOSITE	
CTP06	648	Price Multiplier Qualifier Code indicating the type of price multiplier NOT USED BY THE RETAIL INDUSTRY	O	ID	3/3
CTP07	649	Multiplier Value to be used as a multiplier to obtain a new value NOT USED BY THE RETAIL INDUSTRY	C	R	1/10
CTP08	782	Monetary Amount Monetary amount NOT USED BY THE RETAIL INDUSTRY	O	R	1/18

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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: 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	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 See Section III for code list.	C ID 2/2
CTT05	183	Volume Value of volumetric measure	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 See Section III for code list.	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: **AMT** Monetary Amount

Level: Summary

Loop: CTT

Usage: Optional

Max Use: 1

Purpose: To indicate the total monetary amount

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

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
➤	AMT01	522 Amount Qualifier Code Code to qualify amount TT Total Transaction Amount	M	ID	1/3
➤	AMT02	782 Monetary Amount Monetary amount This is the total amount of the purchase order (including charges, less allowances) before terms discount (if discount is applicable).	M	R	1/18
	AMT03	478 Credit/Debit Flag Code Code indicating whether amount is a credit or debit NOT USED BY THE RETAIL INDUSTRY	O	ID	1/1

Segment: SE Transaction Set Trailer

Level: Summary

Loop: ___

Usage: Mandatory

Max Use: 1

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

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

Data Element Summary

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