



850 Purchase Order - Canada

VICS EDI

Version: 005010-2020

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Publication:	2020-06-01
Notes:	Republished 2020 for immediate implementation.

Table of Contents

850	Purchase Order - Canada	1
	ST Transaction Set Header	9
	BEG Beginning Segment for Purchase Order	10
	CUR Currency	11
	REF Reference Information	12
	PER Administrative Communications Contact	13
	FOB F.O.B. Related Instructions	15
	SAC Loop Service, Promotion, Allowance, or Charge Information	16
	SAC Service, Promotion, Allowance, or Charge Information	17
	ITD Terms of Sale/Deferred Terms of Sale	21
	DTM Date/Time Reference	23
	TD5 Carrier Details (Routing Sequence/Transit Time)	24
	TD3 Carrier Details (Equipment)	26
	N9 Loop Extended Reference Information	27
	N9 Extended Reference Information	28
	MTX Text	29
	N1 Loop Party Identification	30
	N1 Party Identification	31
	N2 Additional Name Information	33
	N3 Party Location	34
	N4 Geographic Location	35
	REF Reference Information	36
	PO1 Loop Baseline Item Data	37
	PO1 Baseline Item Data	38
	CTP Loop Pricing Information	54
	CTP Pricing Information	55
	PID Loop Product/Item Description	58
	PID Product/Item Description	59
	PO4 Item Physical Details	61
	SAC Loop Service, Promotion, Allowance, or Charge Information	67
	SAC Service, Promotion, Allowance, or Charge Information	68
	SDQ Destination Quantity	72
	CTT Loop Transaction Totals	75
	CTT Transaction Totals	76
	SE Transaction Set Trailer	86

850 Purchase Order - Canada

Functional Group=PO

Purpose: 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.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0100	ST	Transaction Set Header	M	1			Must use	9
0200	BEG	Beginning Segment for Purchase Order	M	1			Must use	10
0400	CUR	Currency	O	1			Used	11
0500	REF	Reference Information	O	>1			Used	12
0600	PER	Administrative Communications Contact	O	3			Used	13
* 0700	TAX	Tax Reference	O	>1				N/A
0800	FOB	F.O.B. Related Instructions	O	>1			Used	15
* 0900	CTP	Pricing Information	O	>1				N/A
* 0950	PAM	Period Amount	O	10				N/A
* 1100	CSH	Sales Requirements	O	5				N/A
* 1150	TC2	Commodity	O	>1				N/A
LOOP ID - SAC						25		16
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used	17
* 1250	CUR	Currency	O	1				N/A
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used	21
* 1400	DIS	Discount Detail	O	20				N/A
* 1450	INC	Installment Information	O	1				N/A
1500	DTM	Date/Time Reference	O	10			Used	23
* 1800	LIN	Item Identification	O	5		N1/1800		N/A
* 1850	SI	Service Characteristic Identification	O	>1				N/A
* 1900	PID	Product/Item Description	O	200				N/A
* 2000	MEA	Measurements	O	40				N/A
* 2100	PWK	Paperwork	O	25				N/A
* 2200	PKG	Marking, Packaging, Loading	O	200				N/A
* 2300	TD1	Carrier Details (Quantity and Weight)	O	2				N/A
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1			Used	24
2500	TD3	Carrier Details (Equipment)	O	12			Used	26
* 2600	TD4	Carrier Details (Special	O	5				N/A

GS1CA 5010-2020

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
		Handling, or Hazardous Materials, or Both)						
* 2700	MAN	Marks and Numbers Information	O	10				N/A
* 2760	PCT	Percent Amounts	O	>1				N/A
* 2800	CTB	Restrictions/Conditions	O	5				N/A
* 2850	TXI	Tax Information	O	>1				N/A
* LOOP ID - LDT						≥1		N/A
* 2855	LDT	Lead Time	O	1				N/A
* 2858	QTY	Quantity Information	O	>1				N/A
* 2860	MTX	Text	O	>1				N/A
* 2865	REF	Reference Information	O	>1				N/A
* LOOP ID - AMT						≥1		N/A
* 2870	AMT	Monetary Amount Information	O	1				N/A
* 2890	REF	Reference Information	O	>1				N/A
* 2900	DTM	Date/Time Reference	O	1				N/A
* 2920	PCT	Percent Amounts	O	>1				N/A
* LOOP ID - FA1						≥1		N/A
* 2930	FA1	Type of Financial Accounting Data	O	1				N/A
* 2940	FA2	Accounting Data	M	>1				N/A
LOOP ID - N9						1000		27
2950	N9	Extended Reference Information	O	1			Used	28
* 2970	DTM	Date/Time Reference	O	>1				N/A
3000	MTX	Text	O	>1			Used	29
* 3050	PWK	Paperwork	O	>1				N/A
* 3080	EFI	Electronic Format Identification	O	>1				N/A
LOOP ID - N1						200		30
3100	N1	Party Identification	O	1			Used	31
3200	N2	Additional Name Information	O	2			Used	33
* 3250	IN2	Individual Name Structure Components	O	>1				N/A
3300	N3	Party Location	O	2			Used	34
3400	N4	Geographic Location	O	>1			Used	35
* 3450	NX2	Location ID Component	O	>1				N/A
3500	REF	Reference Information	O	12			Used	36
* 3600	PER	Administrative Communications Contact	O	>1				N/A
* 3650	SI	Service Characteristic Identification	O	>1				N/A
* 3700	FOB	F.O.B. Related Instructions	O	1				N/A
* 3800	TD1	Carrier Details (Quantity and Weight)	O	2				N/A

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 3900	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				N/A
* 4000	TD3	Carrier Details (Equipment)	O	12				N/A
* 4100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5				N/A
* 4200	PKG	Marking, Packaging, Loading	O	200				N/A
* LOOP ID - LM						≥1		N/A
* 4300	LM	Code Source Information	O	1				N/A
* 4400	LQ	Industry Code Identification	M	>1				N/A
* LOOP ID - SPI						≥1		N/A
* 4500	SPI	Specification Identifier	O	1				N/A
* 4600	REF	Reference Information	O	5				N/A
* 4700	DTM	Date/Time Reference	O	5				N/A
* 4800	MTX	Text	O	>1				N/A
* LOOP ID - N1						20		N/A
* 4900	N1	Party Identification	O	1				N/A
* 5000	N2	Additional Name Information	O	2				N/A
* 5100	N3	Party Location	O	2				N/A
* 5200	N4	Geographic Location	O	1				N/A
* 5300	REF	Reference Information	O	20				N/A
* 5400	G61	Contact	O	1				N/A
* 5500	MTX	Text	O	>1				N/A
* LOOP ID - CB1						≥1		N/A
* 5600	CB1	Contract and Cost Accounting Standards Data	O	1				N/A
* 5700	REF	Reference Information	O	20				N/A
* 5800	DTM	Date/Time Reference	O	5				N/A
* 5900	LDT	Lead Time	O	1				N/A
* 6000	MTX	Text	O	>1				N/A
* LOOP ID - ADV						≥1		N/A
* 6100	ADV	Advertising Demographic Information	O	1				N/A
* 6200	DTM	Date/Time Reference	O	>1				N/A
* 6300	MTX	Text	O	>1				N/A

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
LOOP ID - PO1						100000	N2/0100L	37
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use	38
* 0150	LIN	Item Identification	O	>1				N/A
* 0180	SI	Service Characteristic	O	>1				N/A

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
		Identification						
* 0200	CUR	Currency	O	1				N/A
* 0250	CN1	Contract Information	O	1				N/A
* 0300	PO3	Additional Item Detail	O	25				N/A
LOOP ID - CTP						≥1		54
0400	CTP	Pricing Information	O	1			Used	55
* 0430	CUR	Currency	O	1				N/A
* 0450	PAM	Period Amount	O	10				N/A
* 0490	MEA	Measurements	O	40				N/A
LOOP ID - PID						1000		58
0500	PID	Product/Item Description	O	1			Used	59
* 0600	MEA	Measurements	O	10				N/A
* 0700	PWK	Paperwork	O	25				N/A
0900	PO4	Item Physical Details	O	>1			Used	61
* 1000	REF	Reference Information	O	>1				N/A
* 1100	PER	Administrative Communications Contact	O	3				N/A
LOOP ID - SAC						25		67
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used	68
* 1350	CUR	Currency	O	1				N/A
* 1370	CTP	Pricing Information	O	1				N/A
* 1400	IT8	Conditions of Sale	O	1				N/A
* 1420	CSH	Sales Requirements	O	>1				N/A
* 1500	ITD	Terms of Sale/Deferred Terms of Sale	O	2				N/A
* 1600	DIS	Discount Detail	O	20				N/A
* 1650	INC	Installment Information	O	1				N/A
* 1700	TAX	Tax Reference	O	>1				N/A
* 1800	FOB	F.O.B. Related Instructions	O	>1				N/A
1900	SDQ	Destination Quantity	O	500			Used	72
* 2000	IT3	Additional Item Data	O	5				N/A
* 2100	DTM	Date/Time Reference	O	10				N/A
* 2350	TC2	Commodity	O	>1				N/A
* 2400	TD1	Carrier Details (Quantity and Weight)	O	1				N/A
* 2500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				N/A
* 2600	TD3	Carrier Details (Equipment)	O	12				N/A
* 2700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5				N/A
* 2760	PCT	Percent Amounts	O	>1				N/A
* 2800	MAN	Marks and Numbers Information	O	10				N/A
* 2890	MTX	Text	O	>1				N/A

GS1CA 5010-2020

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 2900	SPI	Specification Identifier	O	>1				N/A
* 2910	TXI	Tax Information	O	>1				N/A
* 2920	CTB	Restrictions/Conditions	O	>1				N/A
* LOOP ID - QTY					≥1			N/A
* 2930	QTY	Quantity Information	O	1				N/A
* 2940	SI	Service Characteristic Identification	O	>1				N/A
* LOOP ID - SCH					200	N2/2950L		N/A
* 2950	SCH	Line Item Schedule	O	1		N2/2950		N/A
* 2960	TD1	Carrier Details (Quantity and Weight)	O	2				N/A
* 2970	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				N/A
* 2980	TD3	Carrier Details (Equipment)	O	12				N/A
* 2990	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5				N/A
* 3000	REF	Reference Information	O	>1				N/A
* LOOP ID - PKG					200			N/A
* 3050	PKG	Marking, Packaging, Loading	O	1				N/A
* 3100	MEA	Measurements	O	>1				N/A
* LOOP ID - LS					1			N/A
* 3200	LS	Loop Header	O	1				N/A
* LOOP ID - LDT					≥1			N/A
* 3210	LDT	Lead Time	O	1				N/A
* 3220	QTY	Quantity Information	O	>1				N/A
* 3230	MTX	Text	O	>1				N/A
* 3240	REF	Reference Information	O	3				N/A
* LOOP ID - LM					≥1			N/A
* 3250	LM	Code Source Information	O	1				N/A
* 3260	LQ	Industry Code Identification	M	>1				N/A
* 3270	LE	Loop Trailer	M	1				N/A
* LOOP ID - N9					1000			N/A
* 3300	N9	Extended Reference Information	O	1				N/A
* 3320	DTM	Date/Time Reference	O	>1				N/A
* 3350	MEA	Measurements	O	40				N/A
* 3400	MTX	Text	O	>1				N/A
* 3450	PWK	Paperwork	O	>1				N/A
* 3480	EFI	Electronic Format Identification	O	>1				N/A
* LOOP ID - N1					200			N/A
* 3500	N1	Party Identification	O	1				N/A

GS1CA 5010-2020

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 3600	N2	Additional Name Information	O	2				N/A
* 3650	IN2	Individual Name Structure Components	O	>1				N/A
* 3700	N3	Party Location	O	2				N/A
* 3800	N4	Geographic Location	O	1				N/A
* 3830	QTY	Quantity Information	O	>1				N/A
* 3850	NX2	Location ID Component	O	>1				N/A
* 3900	REF	Reference Information	O	12				N/A
* 4000	PER	Administrative Communications Contact	O	3				N/A
* 4050	SI	Service Characteristic Identification	O	>1				N/A
* 4060	DTM	Date/Time Reference	O	1				N/A
* 4100	FOB	F.O.B. Related Instructions	O	1				N/A
* 4150	SCH	Line Item Schedule	O	200				N/A
* 4200	TD1	Carrier Details (Quantity and Weight)	O	2				N/A
* 4300	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				N/A
* 4400	TD3	Carrier Details (Equipment)	O	12				N/A
* 4500	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5				N/A
* 4600	PKG	Marking, Packaging, Loading	O	200				N/A
* LOOP ID - LDT						≥1		N/A
* 4620	LDT	Lead Time	O	1				N/A
* 4640	MAN	Marks and Numbers Information	O	10				N/A
* 4660	QTY	Quantity Information	O	5				N/A
* 4680	MTX	Text	O	>1				N/A
* 4690	REF	Reference Information	O	3				N/A
* LOOP ID - SLN						1000		N/A
* 4700	SLN	Subline Item Detail	O	1				N/A
* 4750	MTX	Text	O	>1				N/A
* 4800	SI	Service Characteristic Identification	O	>1				N/A
* 4900	PID	Product/Item Description	O	1000				N/A
* 5000	PO3	Additional Item Detail	O	104				N/A
5025	MEA	Measurements	O	>1				N/A
* 5050	TC2	Commodity	O	>1				N/A
* 5130	ADV	Advertising Demographic Information	O	>1				N/A
* 5150	DTM	Date/Time Reference	O	10				N/A
* 5160	CTP	Pricing Information	O	25				N/A
* 5170	PAM	Period Amount	O	10				N/A

GS1CA 5010-2020

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 5180	PO4	Item Physical Details	O	1				N/A
* 5190	TAX	Tax Reference	O	3				N/A
* LOOP ID - N9					≥1			N/A
* 5230	N9	Extended Reference Information	O	1				N/A
* 5240	DTM	Date/Time Reference	O	>1				N/A
* 5250	MTX	Text	O	>1				N/A
* LOOP ID - SAC					25			N/A
* 5260	SAC	Service, Promotion, Allowance, or Charge Information	O	1				N/A
* 5270	CUR	Currency	O	1				N/A
* 5280	CTP	Pricing Information	O	1				N/A
* LOOP ID - QTY					≥1			N/A
* 5290	QTY	Quantity Information	O	1				N/A
* 5300	SI	Service Characteristic Identification	O	>1				N/A
* LOOP ID - N1					10			N/A
* 5350	N1	Party Identification	O	1				N/A
* 5400	N2	Additional Name Information	O	2				N/A
* 5450	IN2	Individual Name Structure Components	O	>1				N/A
* 5500	N3	Party Location	O	2				N/A
* 5600	N4	Geographic Location	O	1				N/A
* 5700	NX2	Location ID Component	O	>1				N/A
* 5800	REF	Reference Information	O	12				N/A
* 5900	PER	Administrative Communications Contact	O	3				N/A
* 5950	SI	Service Characteristic Identification	O	>1				N/A
* LOOP ID - AMT					≥1			N/A
* 6000	AMT	Monetary Amount Information	O	1				N/A
* 6100	REF	Reference Information	O	>1				N/A
* 6120	PCT	Percent Amounts	O	>1				N/A
* LOOP ID - LM					≥1			N/A
* 6200	LM	Code Source Information	O	1				N/A
* 6300	LQ	Industry Code Identification	M	>1				N/A

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
LOOP ID - CTT					1	N3/0100L		75
0100	CTT	Transaction Totals	O	1		N3/0100	Used	76
* 0200	AMT	Monetary Amount	O	1		N3/0200		N/A

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
		Information						
0300	SE	Transaction Set Trailer	M	1			Must use	86

Notes:

- 1/1800 If segment LIN is used, do not use LIN01.
- 2/0100L PO102 is required.
- 2/0100 PO102 is required.
- 2/2950L 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.
- 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.
- 3/0100L 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.
- 3/0100 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.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

Code List Summary (Total Codes: 318, Included: 1)

Code Name

850 Purchase Order

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Note 1: 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.

Semantics:

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

BEG Beginning Segment for Purchase Order

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

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

Note 1:

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.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

Code List Summary (Total Codes: 66, Included: 3)

<u>Code</u>	<u>Name</u>
00	Original
06	Confirmation
22	Information Copy

Note 1:

This code is used to notify anyone other than the seller about this order.

BEG02	92	Purchase Order Type Code	M	ID	2/2	Must use
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Description: Code specifying the type of Purchase Order

Code List Summary (Total Codes: 76, Included: 1)

<u>Code</u>	<u>Name</u>
SA	Stand-alone Order

BEG03	324	Purchase Order Number	M	AN	1/22	Must use
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Description: Identifying number for Purchase Order assigned by the orderer/purchaser

Note 1: *Retailer's original purchase order number*

BEG05	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Note 1: *Retailer's original purchase order date*

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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

Note 1:

See Section V (CUR Usage) for usage examples.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

Code List Summary (Total Codes: 1500, Included: 1)

Code Name

BY Buying Party (Purchaser)

CUR02	100	Currency Code	M	ID	3/3	Must use
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Description: Code (Standard ISO) for country in whose currency the charges are specified

Note 1:

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

Code List Summary (Total Codes: 2, Included: 2)

Code Name

CAD Canadian Dollars

USD U.S. Dollars

Syntax Rules:

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

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF Reference Information

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Note 1:

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.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1731, Included: 5)

Code Name

D3 National Council for Prescription Drug Programs Pharmacy Number

Note 1:

See External Code Source 307 in Section III for reference document.

DP Department Number

Note 1:

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

IA Internal Vendor Number

Note 1:

Identification number assigned to the vendor, by the retailer, for use within the retailer's system

IT Internal Customer Number

Note 1:

Identification number assigned to the retailer, by the vendor, for use within the vendor's system

PD Promotion/Deal Number

REF02	127	Reference Identification	X	AN	1/50	Must use
-------	-----	--------------------------	---	----	------	----------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

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

PER Administrative Communications Contact

Pos: 0600	Max: 3
Heading - Optional	
Loop: N/A	Elements: 8

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	Contact Function Code	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

Code List Summary (Total Codes: 238, Included: 2)

Code Name

BD Buyer Name or Department
 IC Information Contact

PER02	93	Name	O	AN	1/60	Used
-------	----	------	---	----	------	------

Description: Free-form name

PER03	365	Communication Number Qualifier	X	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

Description: Code identifying the type of communication number

Code List Summary (Total Codes: 42, Included: 3)

Code Name

EM Electronic Mail
 FX Facsimile
 TE Telephone

PER04	364	Communication Number	X	AN	1/256	Used
-------	-----	----------------------	---	----	-------	------

Description: Complete communications number including country or area code when applicable

PER05	365	Communication Number Qualifier	X	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

Description: Code identifying the type of communication number

Code List Summary (Total Codes: 42, Included: 3)

Code Name

EM Electronic Mail
 FX Facsimile
 TE Telephone

PER06	364	Communication Number	X	AN	1/256	Used
-------	-----	----------------------	---	----	-------	------

Description: Complete communications number including country or area code when applicable

PER07	365	Communication Number Qualifier	X	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

Description: Code identifying the type of communication number

Code List Summary (Total Codes: 42, Included: 3)

GS1CA 5010-2020

Code Name

EM Electronic Mail
FX Facsimile
TE Telephone

PER08 364 **Communication Number** X AN 1/256 Used

Description: Complete communications number including country or area code when applicable

Syntax Rules:

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.

FOB F.O.B. Related Instructions

Pos: 0800	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	Shipment Method of Payment	M	ID	2/2	Must use

Description: Code identifying payment terms for transportation charges

Code List Summary (Total Codes: 31, Included: 3)

Code Name

- CC Collect
- PB Customer Pickup/Backhaul
- PP Prepaid (by Seller)

FOB02	309	Location Qualifier	X	ID	1/2	Used
-------	-----	--------------------	---	----	-----	------

Description: Code identifying type of location

Code List Summary (Total Codes: 184, Included: 2)

Code Name

- DE Destination (Shipping)
- OR Origin (Shipping Point)

FOB03	352	Description	O	AN	1/80	Used
-------	-----	-------------	---	----	------	------

Description: A free-form description to clarify the related data elements and their content

Note 1: Free-form name of transportation responsibility location

Syntax Rules:

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.

Semantics:

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.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 1200	Repeat: 25
Optional	
Loop: SAC	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1200 Max: 1
 Heading - Optional
 Loop: SAC Elements: 15

User Option (Usage): Used

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

Note 1:

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.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use

Description: Code which indicates an allowance or charge for the service specified

Code List Summary (Total Codes: 7, Included: 4)

<u>Code</u>	<u>Name</u>
A	Allowance
C	Charge
N	No Allowance or Charge
R	Allowance Request

SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used
-------	------	---	---	----	-----	------

Description: Code identifying the service, promotion, allowance, or charge

Note 1:

See Section III for code list.

SAC03	559	Agency Qualifier Code	X	ID	2/2	Used
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Description: Code identifying the agency assigning the code values

Code List Summary (Total Codes: 194, Included: 1)

<u>Code</u>	<u>Name</u>
VI	Voluntary Inter-Industry Commerce Standard (VICS) EDI

Note 1:

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

SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN	1/10	Used
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Description: Agency maintained code identifying the service, promotion, allowance, or charge

Note 1: See External Code Source 46 in Section III for reference document.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
<i>See Section III for code list.</i>						
SAC05	610	Amount	O	N2	1/15	Used
Description: Monetary amount						
Note 1: 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.						
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used
Description: Code indicating on what basis allowance or charge percent is calculated						
Code List Summary (Total Codes: 16, Included: 7)						
Code Name						
1 Item List Cost						
2 Item Net Cost						
3 Discount/Gross						
Note 1: <i>All allowances are off the gross price including cash discount.</i>						
4 Discount/Net						
Note 1: <i>All allowances are off the gross price. Cash discounts are off the net.</i>						
5 Base Price per Unit						
Note 1: <i>Line item discount</i>						
6 Base Price Amount						
7 Base Price Amount Less Previous Discount						
Note 1: <i>Declining balance method</i>						
SAC07	332	Percent, Decimal Format	X	R	1/6	Used
Description: Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)						
Note 1: 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".						
SAC08	118	Rate	O	R	1/9	Used
Description: Rate expressed in the standard monetary denomination for the currency specified						
SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
Code List Summary (Total Codes: 844, Included: 4)						
Code Name						
2W Bin						
Description: Storage container used as a unit of measurement						
CA Case						
EA Each						

		<u>Code</u>	<u>Name</u>				
		PL	Pallet/Unit Load				
SAC10	380	Quantity		X	R	1/15	Used

Description: Numeric value of quantity

Note 1: 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.

SAC12	331	Allowance or Charge Method of Handling Code		O	ID	2/2	Used
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Description: Code indicating method of handling for an allowance or charge

Code List Summary (Total Codes: 22, Included: 6)

Code Name

01 Bill Back

Note 1:

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

Note 1:

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

Note 1:

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

Note 1:

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

Note 1:

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

Note 1:

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		X	AN	1/50	Used
-------	-----	---------------------------------	--	---	----	------	------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

SAC14	770	Option Number		O	AN	1/20	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: A unique number identifying available promotion or allowance options when more than one is offered				
SAC15	352	Description	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
SAC16	819	Language Code	O	ID	2/3	Used
		Description: Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)				
		Note 1: See <i>External Code Source 102</i> in Section III for reference document.				

Syntax Rules:

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. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

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:

1. 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.
2. 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.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300	Max: >1
Heading - Optional	
Loop: N/A	Elements: 7

User Option (Usage): Used

Purpose: To specify terms of sale

Note 1:

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.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code	O	ID	2/2	Used
Description: Code identifying type of payment terms						
Code List Summary (Total Codes: 77, Included: 5)						
<u>Code</u> <u>Name</u>						
04 Deferred or Installment						
05 Discount Not Applicable						
08 Basic Discount Offered						
09 Proximo						
14 Previously agreed upon						
ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
Description: Code identifying the beginning of the terms period						
Code List Summary (Total Codes: 17, Included: 7)						
<u>Code</u> <u>Name</u>						
1 Ship Date						
2 Delivery Date						
3 Invoice Date						
4 Specified Date						
7 Effective Date						
Note 1:						
<i>The date is specified in the DTM segment in the header area using code 007 in DTM01.</i>						
8 Invoice Transmission Date						
15 Receipt of Goods						
ITD03	338	Terms Discount Percent	O	R	1/6	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date Note 1: <i>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".</i>				
ITD05	351	Terms Discount Days Due	X	N0	1/3	Used
		Description: Number of days in the terms discount period by which payment is due if terms discount is earned Note 1: <i>The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</i>				
ITD07	386	Terms Net Days	O	N0	1/3	Used
		Description: Number of days until total invoice amount is due (discount not applicable) Note 1: <i>The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</i>				
ITD08	362	Terms Discount Amount	O	N2	1/10	Used
		Description: Total amount of terms discount				
ITD12	352	Description	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

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.

Semantics:

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

Comments:

1. 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.

DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Note 1:

This segment is used to specify order processing dates.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

Code List Summary (Total Codes: 1280, Included: 2)

<u>Code</u>	<u>Name</u>
002	Delivery Requested
118	Requested Pickup

DTM02	373	Date	X	DT	8/8	Must use
-------	-----	-------------	---	----	-----	----------

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

DTM03	337	Time	X	TM	4/8	Used
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Description: 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)

Syntax Rules:

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.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 2400	Max: >1
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Used

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

Note 1:

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.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD501	133	Routing Sequence Code	O	ID	1/2	Used

Description: Code describing the relationship of a carrier to a specific shipment movement

Code List Summary (Total Codes: 23, Included: 13)

Code	Name
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)
O	Origin Carrier (Air, Motor, or Ocean)
S	Origin Carrier, Shipper's Routing (Rail)

TD502	66	Identification Code Qualifier	X	ID	1/2	Used
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Description: Code designating the system/method of code structure used for Identification Code (67)

Code List Summary (Total Codes: 241, Included: 4)

Code	Name
2	Standard Carrier Alpha Code (SCAC)

Note 1:

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
UL	Global Location Number (GLN)

Description: A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and

Code Name

International Article Number Association (EAN) numbering system

TD503	67	Identification Code	X	AN	2/80	Used
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Description: Code identifying a party or other code

TD504	91	Transportation Method/Type Code	X	ID	1/2	Used
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Description: Code specifying the method or type of transportation for the shipment

Code List Summary (Total Codes: 80, Included: 2)

Code Name

H	Customer Pickup
M	Motor (Common Carrier)

TD505	387	Routing	X	AN	1/35	Used
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Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Syntax Rules:

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.

Semantics:

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

Comments:

1. 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.

TD3 Carrier Details (Equipment)

Pos: 2500	Max: 12
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

Purpose: To specify transportation details relating to the equipment used by the carrier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD301	40	Equipment Description Code	X	ID	2/2	Must use

Description: Code identifying type of equipment used for shipment

Code List Summary (Total Codes: 139, Included: 13)

<u>Code</u>	<u>Name</u>
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)

Syntax Rules:

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.

Loop Extended Reference Information

Pos: 2950	Repeat: 1000
Optional	
Loop: N9	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2950	N9	Extended Reference Information	O	1		Used
3000	MTX	Text	O	>1		Used

N9 Extended Reference Information

Pos: 2950	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1731, Included: 6)

Code Name

- AH Agreement Number
- D3 National Council for Prescription Drug Programs Pharmacy Number

Note 1:
See External Code Source 307 in Section III for reference document.

- DP Department Number

Note 1:
This code may be used in the header or detail area but not in both.

- IA Internal Vendor Number

Note 1:
Identification number assigned to the vendor, by the retailer, for use within the retailer's system.

- IT Internal Customer Number

Note 1:
Identification number assigned to the retailer, by the vendor, for use within the vendor's system.

- PD Promotion/Deal Number

N902	127	Reference Identification	X	AN	1/50	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

- R0203 - At least one of N902 or N903 is required.
- C0605 - If N906 is present, then N905 is required.

Semantics:

- N906 reflects the time zone which the time reflects.
- N907 contains data relating to the value cited in N902.

MTX Text

Pos: 3000	Max: >1
Heading - Optional	
Loop: N9	Elements: 3

User Option (Usage): Used

Purpose: To specify textual data

Note 1:

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MTX01	363	Note Reference Code	O	ID	3/3	Used

Description: Code identifying the functional area or purpose for which the note applies

Code List Summary (Total Codes: 348, Included: 4)

<u>Code</u>	<u>Name</u>
DEL	Delivery
ORI	Order Instructions
OTH	Other Instructions
WHI	Warehouse Instruction

MTX02	1551	Textual Data	X	AN	1/4096	Used
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Description: To transmit large volumes of message text

MTX03	1551	Textual Data	O	AN	1/4096	Used
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Description: To transmit large volumes of message text

Syntax Rules:

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.

Semantics:

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

Comments:

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

Loop Party Identification

Pos: 3100	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
3100	N1	Party Identification	O	1		Used
3200	N2	Additional Name Information	O	2		Used
3300	N3	Party Location	O	2		Used
3400	N4	Geographic Location	O	>1		Used
3500	REF	Reference Information	O	12		Used

N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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

Note 1:

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.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	Entity Identifier Code	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

Code List Summary (Total Codes: 1500, Included: 7)

Code	Name
BO	Broker or Sales Office
BS	Bill and Ship To
BT	Bill-to-Party
BY	Buying Party (Purchaser)
SE	Selling Party
SF	Ship From
ST	Ship To

Note 1:
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.

Note 1:
This code will be deleted after Version 004040.

N102	93	Name	X	AN	1/60	Used
Description: Free-form name						
N103	66	Identification Code Qualifier	X	ID	1/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Description: Code designating the system/method of code structure used for Identification Code (67)

Code List Summary (Total Codes: 241, Included: 6)

Code Name

1 D-U-N-S Number, Dun & Bradstreet

Note 1:

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

Note 1:

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

21 Health Industry Number (HIN)

Note 1:

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

91 Assigned by Seller or Seller's Agent

92 Assigned by Buyer or Buyer's Agent

UL Global Location Number (GLN)

Description: A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system

Note 1:

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

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

N104	67	Identification Code	X	AN	2/80	Used
------	----	----------------------------	---	----	------	------

Description: Code identifying a party or other code

Note 1: *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.*

Syntax Rules:

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:

1. 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.
2. N105 and N106 further define the type of entity in N101.

N2 Additional Name Information

Pos: 3200	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

N3 Party Location

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	City Name	O	AN	2/30	Used

Description: Free-form text for city name

N402	156	State or Province Code	X	ID	2/2	Used
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Description: Code (Standard State/Province) as defined by appropriate government agency

Note 1: See External Code Source 22 in Section III for reference document.

N403	116	Postal Code	O	ID	3/15	Used
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Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

Note 1: See External Code Source 51 in Section III for reference document.

N404	26	Country Code	X	ID	2/3	Used
------	----	--------------	---	----	-----	------

Description: Code identifying the country

Note 1:

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

Code List Summary (Total Codes: 3, Included: 3)

Code Name

CA Canada

MX Mexico

US United States

Syntax Rules:

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:

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

REF Reference Information

Pos: 3500	Max: 12
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Note 1:

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.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1731, Included: 1)

Code Name

DK Dock Number

REF02	127	Reference Identification	X	AN	1/50	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

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

Loop Baseline Item Data

Pos: 0100	Repeat: 100000
Mandatory	
Loop: PO1	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	PO1	Baseline Item Data	M	1		Must use
0400		Loop CTP	O		>1	Used
0500		Loop PID	O		1000	Used
0900	PO4	Item Physical Details	O	>1		Used
1300		Loop SAC	O		25	Used
1900	SDQ	Destination Quantity	O	500		Used

PO1 Baseline Item Data

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 15

User Option (Usage): Must use

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

Note 1:

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.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO102	380	Quantity	X	R	1/15	Must use
		Description: Numeric value of quantity				
PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 844, Included: 16)

Code	Name
2W	Bin
	Description: Storage container used as a unit of measurement
BA	Bale
BG	Bag
BO	Bottle
BX	Box
CA	Case
CN	Can
CT	Carton
DS	Display
DZ	Dozen
EA	Each
KG	Kilogram
LB	Pound
PK	Package
PL	Pallet/Unit Load
RL	Roll

PO104 212 **Unit Price** X R 1/17 Used

Description: Price per unit of product, service, commodity, etc.

Note 1: 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.

PO106 235 **Product/Service ID Qualifier** X ID 2/2 Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code List Summary (Total Codes: 519, Included: 8)

Code Name

EN EAN/UCC - 13

Description: Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)

EO EAN/UCC - 8

Description: Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)

IN Buyer's Item Number

UA U.P.C./EAN Case Code (2-5-5)

Note 1:

This code will be deleted in the version published in 2005.

UK GTIN 14-digit Data Structure

Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)

UN U.P.C. Case Code Number (1-1-5-5)

Note 1:

This code will be deleted in the version published in 2005.

UP UCC - 12

Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)

VN Vendor's (Seller's) Item Number

Note 1:

Canadian Note:

1. Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.
2. For manufacturers not using U.P.C. (UCC-12) they should contact GS1 Canada (formerly Electronic Commerce Council of Canada (ECCC)).

PO107 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

PO108 235 **Product/Service ID Qualifier** X ID 2/2 Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code List Summary (Total Codes: 519, Included: 43)

Code Name

AG Age

Code	Name
	Description: <i>The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers</i>
	Note 1: <i>Used only by the alcohol beverage industry.</i>
BC	Supplier Brand Code
BL	Brand/Label
BO	Buyers Color
BV	Beverage Common Code
	Note 1: <i>Used only by the alcohol beverage industry. See External Code Source 467 in Section III for reference document.</i>
CG	Commodity Grouping
CH	Country of Origin Code
CM	National Retail Federation Color Code
	Note 1: <i>This is the three-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
CN	Commodity Name
	Note 1: <i>Used only by the alcohol beverage industry.</i>
EN	EAN/UCC - 13 Description: <i>Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)</i>
EO	EAN/UCC - 8 Description: <i>Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)</i>
FV	Drug Identification Number (DIN) Note 1: <i>See External Code Source 874 in Section III for reference document.</i>
IB	International Standard Book Number (ISBN)
IN	Buyer's Item Number
IS	International Standard Serial Number (ISSN)
IT	Buyer's Style Number
IZ	Buyer's Size Code
LT	Lot Number
MN	Model Number
ND	National Drug Code (NDC) Note 1: <i>Used only by the Canadian pharmaceutical retail industry.</i>
OC	Old U.P.C./EAN Consumer Package Code Note 1: <i>This code will be marked for deletion in Version 005020 (May 2005) and will no longer appear in Version 005030 (May 2006).</i>
P8	Retail Price Look Up Number (PLU) Note 1: <i>This code will be deleted in the version published in 2005.</i>
PI	Purchaser's Item Code

Code	Name
	<p>Note 1: <i>This code will be deleted in the version published in 2005.</i></p>
PJ	Product Date Code (A code indicating the period during which a product was manufactured.)
SM	National Retail Federation Size Code
	<p>Note 1: <i>This is the five-digit NRF code. See External Code Source 88 in Section III for reference document.</i></p>
SZ	Vendor Alphanumeric Size Code
U2	U.P.C. Shipping Container Code (1-2-5-5)
	<p>Description: <i>A 13-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, and the remaining five digits are the item code</i></p>
	<p>Note 1: <i>This code will be deleted in the version published in 2005.</i></p>
UA	U.P.C./EAN Case Code (2-5-5)
	<p>Note 1: <i>This code will be deleted in the version published in 2005.</i></p>
UB	U.P.C./EAN Multipack Code
	<p>Note 1: <i>This code will be deleted in the version published in 2005.</i></p>
UC	Product Variant
	<p>Note 1: <i>The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.</i></p>
UD	U.P.C./EAN Consumer Package Code (2-5-5)
	<p>Note 1: <i>This code will be deleted in the version published in 2005.</i></p>
UE	U.P.C./EAN Module Code (2-5-5)
	<p>Note 1: <i>This code will be deleted in the version published in 2005.</i></p>
UG	Drug U.P.C. Consumer Package Code (1-4-6-1)
	<p>Description: <i>A specific instance of the Universal Product Code that uses a 4-digit manufacturer identifier code and a 6-digit product code</i></p>
	<p>Note 1: <i>This code will be deleted in the version published in 2005.</i></p>
UH	Drug U.P.C. Shipping Container Code (1-2-4-6-1)
	<p>Description: <i>A specific instance of the U.P.C. Shipping Container Code that uses a 4-digit manufacturer identifier code and a 6-digit product code</i></p>
	<p>Note 1: <i>This code will be deleted in the version published in 2005.</i></p>
UI	U.P.C. Consumer Package Code (1-5-5)
	<p>Note 1: <i>This code will be deleted in the version published in 2005.</i></p>
UK	GTIN 14-digit Data Structure
	<p>Description: <i>Data structure for the 14 digit EAN.UCC (EAN International.Uniform</i></p>

Code Name

UN		U.P.C. Case Code Number (1-1-5-5)				
		Note 1:				
		<i>This code will be deleted in the version published in 2005.</i>				
UP		UCC - 12				
		Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)				
VA		Vendor's Style Number				
VE		Vendor Color				
VN		Vendor's (Seller's) Item Number				
		Note 1:				
		<i>Canadian Note:</i>				
		<i>1. Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.</i>				
		<i>2. For manufacturers not using U.P.C. (UCC-12) they should contact GS1 Canada (formerly Electronic Commerce Council of Canada (ECCC)).</i>				
VT		Vintage				
		Description: The harvest year of the grapes that are part of the composition of a particular wine				
		Note 1:				
		<i>Used only by the alcohol beverage industry.</i>				
ZZ		Mutually Defined				
		Note 1:				
		<i>Self-Identifying Container via Radio Frequency ID Device</i>				

PO109	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

PO110	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code List Summary (Total Codes: 519, Included: 43)

Code Name

AG	Age					
		Description: The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers				
		Note 1:				
		<i>Used only by the alcohol beverage industry.</i>				
BC	Supplier Brand Code					
BL	Brand/Label					
BO	Buyers Color					
BV	Beverage Common Code					
		Note 1:				
		<i>Used only by the alcohol beverage industry.</i>				
		<i>See External Code Source 467 in Section III for reference document.</i>				
CG	Commodity Grouping					
CH	Country of Origin Code					

Code	Name
CM	National Retail Federation Color Code Note 1: <i>This is the three-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
CN	Commodity Name Note 1: <i>Used only by the alcohol beverage industry.</i>
EN	EAN/UCC - 13 Description: <i>Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)</i>
EO	EAN/UCC - 8 Description: <i>Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)</i>
FV	Drug Identification Number (DIN) Note 1: <i>See External Code Source 874 in Section III for reference document.</i>
IB	International Standard Book Number (ISBN)
IN	Buyer's Item Number
IS	International Standard Serial Number (ISSN)
IT	Buyer's Style Number
IZ	Buyer's Size Code
LT	Lot Number
MN	Model Number
ND	National Drug Code (NDC) Note 1: <i>Used only by the Canadian pharmaceutical retail industry.</i>
OC	Old U.P.C./EAN Consumer Package Code Note 1: <i>This code will be marked for deletion in Version 005020 (May 2005) and will no longer appear in Version 005030 (May 2006).</i>
P8	Retail Price Look Up Number (PLU) Note 1: <i>This code will be deleted in the version published in 2005.</i>
PI	Purchaser's Item Code Note 1: <i>This code will be deleted in the version published in 2005.</i>
PJ	Product Date Code (A code indicating the period during which a product was manufactured.)
SM	National Retail Federation Size Code Note 1: <i>This is the five-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
SZ	Vendor Alphanumeric Size Code
U2	U.P.C. Shipping Container Code (1-2-5-5) Description: <i>A 13-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, and the remaining five digits are the item code</i>

Code	Name
	Note 1: <i>This code will be deleted in the version published in 2005.</i>
UA	U.P.C./EAN Case Code (2-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UB	U.P.C./EAN Multipack Code Note 1: <i>This code will be deleted in the version published in 2005.</i>
UC	Product Variant Note 1: <i>The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.</i>
UD	U.P.C./EAN Consumer Package Code (2-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UE	U.P.C./EAN Module Code (2-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UG	Drug U.P.C. Consumer Package Code (1-4-6-1) Description: <i>A specific instance of the Universal Product Code that uses a 4-digit manufacturer identifier code and a 6-digit product code</i> Note 1: <i>This code will be deleted in the version published in 2005.</i>
UH	Drug U.P.C. Shipping Container Code (1-2-4-6-1) Description: <i>A specific instance of the U.P.C. Shipping Container Code that uses a 4-digit manufacturer identifier code and a 6-digit product code</i> Note 1: <i>This code will be deleted in the version published in 2005.</i>
UI	U.P.C. Consumer Package Code (1-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UK	GTIN 14-digit Data Structure Description: <i>Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)</i>
UN	U.P.C. Case Code Number (1-1-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UP	UCC - 12 Description: <i>Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)</i>
VA	Vendor's Style Number
VE	Vendor Color
VN	Vendor's (Seller's) Item Number Note 1: <i>Canadian Note:</i> <i>1. Trading partners are strongly encouraged to use GTIN as the only method of</i>

Code Name

*positively and unambiguously identifying a product.
2. For manufacturers not using U.P.C. (UCC-12) they should contact GS1 Canada (formerly Electronic Commerce Council of Canada (ECCC)).*

VT Vintage

Description: *The harvest year of the grapes that are part of the composition of a particular wine*

Note 1:

Used only by the alcohol beverage industry.

ZZ Mutually Defined

Note 1:

Self-Identifying Container via Radio Frequency ID Device

PO111	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

PO112	235	Product/Service ID Qualifier	X	ID	2/2	Used
-------	-----	-------------------------------------	---	----	-----	------

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code List Summary (Total Codes: 519, Included: 43)

Code Name

AG Age

Description: *The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers*

Note 1:

Used only by the alcohol beverage industry.

BC Supplier Brand Code

BL Brand/Label

BO Buyers Color

BV Beverage Common Code

Note 1:

*Used only by the alcohol beverage industry.
See External Code Source 467 in Section III for reference document.*

CG Commodity Grouping

CH Country of Origin Code

CM National Retail Federation Color Code

Note 1:

*This is the three-digit NRF code.
See External Code Source 88 in Section III for reference document.*

CN Commodity Name

Note 1:

Used only by the alcohol beverage industry.

EN EAN/UCC - 13

Description: *Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)*

EO EAN/UCC - 8

Description: *Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)*

FV Drug Identification Number (DIN)

Code	Name
	Note 1: <i>See External Code Source 874 in Section III for reference document.</i>
IB	International Standard Book Number (ISBN)
IN	Buyer's Item Number
IS	International Standard Serial Number (ISSN)
IT	Buyer's Style Number
IZ	Buyer's Size Code
LT	Lot Number
MN	Model Number
ND	National Drug Code (NDC)
	Note 1: <i>Used only by the Canadian pharmaceutical retail industry.</i>
OC	Old U.P.C./EAN Consumer Package Code
	Note 1: <i>This code will be marked for deletion in Version 005020 (May 2005) and will no longer appear in Version 005030 (May 2006).</i>
P8	Retail Price Look Up Number (PLU)
	Note 1: <i>This code will be deleted in the version published in 2005.</i>
PI	Purchaser's Item Code
	Note 1: <i>This code will be deleted in the version published in 2005.</i>
PJ	Product Date Code (A code indicating the period during which a product was manufactured.)
SM	National Retail Federation Size Code
	Note 1: <i>This is the five-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
SZ	Vendor Alphanumeric Size Code
U2	U.P.C. Shipping Container Code (1-2-5-5)
	Description: <i>A 13-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, and the remaining five digits are the item code</i>
	Note 1: <i>This code will be deleted in the version published in 2005.</i>
UA	U.P.C./EAN Case Code (2-5-5)
	Note 1: <i>This code will be deleted in the version published in 2005.</i>
UB	U.P.C./EAN Multipack Code
	Note 1: <i>This code will be deleted in the version published in 2005.</i>
UC	Product Variant
	Note 1: <i>The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.</i>
UD	U.P.C./EAN Consumer Package Code (2-5-5)

<u>Code</u>	<u>Name</u>
	Note 1: <i>This code will be deleted in the version published in 2005.</i>
UE	U.P.C./EAN Module Code (2-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UG	Drug U.P.C. Consumer Package Code (1-4-6-1) Description: <i>A specific instance of the Universal Product Code that uses a 4-digit manufacturer identifier code and a 6-digit product code</i> Note 1: <i>This code will be deleted in the version published in 2005.</i>
UH	Drug U.P.C. Shipping Container Code (1-2-4-6-1) Description: <i>A specific instance of the U.P.C. Shipping Container Code that uses a 4-digit manufacturer identifier code and a 6-digit product code</i> Note 1: <i>This code will be deleted in the version published in 2005.</i>
UI	U.P.C. Consumer Package Code (1-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UK	GTIN 14-digit Data Structure Description: <i>Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)</i>
UN	U.P.C. Case Code Number (1-1-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UP	UCC - 12 Description: <i>Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)</i>
VA	Vendor's Style Number
VE	Vendor Color
VN	Vendor's (Seller's) Item Number Note 1: <i>Canadian Note:</i> <i>1. Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.</i> <i>2. For manufacturers not using U.P.C. (UCC-12) they should contact GS1 Canada (formerly Electronic Commerce Council of Canada (ECCC)).</i>
VT	Vintage Description: <i>The harvest year of the grapes that are part of the composition of a particular wine</i> Note 1: <i>Used only by the alcohol beverage industry.</i>
ZZ	Mutually Defined Note 1: <i>Self-Identifying Container via Radio Frequency ID Device</i>

PO113 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO114	235	Product/Service ID Qualifier	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code List Summary (Total Codes: 519, Included: 43)

Code Name

AG Age
Description: *The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers*

Note 1:
Used only by the alcohol beverage industry.

BC Supplier Brand Code
 BL Brand/Label
 BO Buyers Color
 BV Beverage Common Code

Note 1:
*Used only by the alcohol beverage industry.
 See External Code Source 467 in Section III for reference document.*

CG Commodity Grouping
 CH Country of Origin Code
 CM National Retail Federation Color Code

Note 1:
*This is the three-digit NRF code.
 See External Code Source 88 in Section III for reference document.*

CN Commodity Name

Note 1:
Used only by the alcohol beverage industry.

EN EAN/UCC - 13
Description: *Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)*

EO EAN/UCC - 8
Description: *Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)*

FV Drug Identification Number (DIN)

Note 1:
See External Code Source 874 in Section III for reference document.

IB International Standard Book Number (ISBN)
 IN Buyer's Item Number
 IS International Standard Serial Number (ISSN)
 IT Buyer's Style Number
 IZ Buyer's Size Code
 LT Lot Number
 MN Model Number
 ND National Drug Code (NDC)

Note 1:
Used only by the Canadian pharmaceutical retail industry.

OC Old U.P.C./EAN Consumer Package Code

Code	Name
	Note 1: <i>This code will be marked for deletion in Version 005020 (May 2005) and will no longer appear in Version 005030 (May 2006).</i>
P8	Retail Price Look Up Number (PLU) Note 1: <i>This code will be deleted in the version published in 2005.</i>
PI	Purchaser's Item Code Note 1: <i>This code will be deleted in the version published in 2005.</i>
PJ	Product Date Code (A code indicating the period during which a product was manufactured.)
SM	National Retail Federation Size Code Note 1: <i>This is the five-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
SZ	Vendor Alphanumeric Size Code
U2	U.P.C. Shipping Container Code (1-2-5-5) Description: A 13-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, and the remaining five digits are the item code Note 1: <i>This code will be deleted in the version published in 2005.</i>
UA	U.P.C./EAN Case Code (2-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UB	U.P.C./EAN Multipack Code Note 1: <i>This code will be deleted in the version published in 2005.</i>
UC	Product Variant Note 1: <i>The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.</i>
UD	U.P.C./EAN Consumer Package Code (2-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UE	U.P.C./EAN Module Code (2-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UG	Drug U.P.C. Consumer Package Code (1-4-6-1) Description: A specific instance of the Universal Product Code that uses a 4-digit manufacturer identifier code and a 6-digit product code Note 1: <i>This code will be deleted in the version published in 2005.</i>
UH	Drug U.P.C. Shipping Container Code (1-2-4-6-1) Description: A specific instance of the U.P.C. Shipping Container Code that uses a 4-digit manufacturer identifier code and a 6-digit product code

<u>Code</u>	<u>Name</u>
	Note 1: <i>This code will be deleted in the version published in 2005.</i>
UI	U.P.C. Consumer Package Code (1-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UK	GTIN 14-digit Data Structure Description: <i>Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)</i>
UN	U.P.C. Case Code Number (1-1-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UP	UCC - 12 Description: <i>Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)</i>
VA	Vendor's Style Number
VE	Vendor Color
VN	Vendor's (Seller's) Item Number Note 1: <i>Canadian Note:</i> <i>1. Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.</i> <i>2. For manufacturers not using U.P.C. (UCC-12) they should contact GS1 Canada (formerly Electronic Commerce Council of Canada (ECCC)).</i>
VT	Vintage Description: <i>The harvest year of the grapes that are part of the composition of a particular wine</i> Note 1: <i>Used only by the alcohol beverage industry.</i>
ZZ	Mutually Defined Note 1: <i>Self-Identifying Container via Radio Frequency ID Device</i>

PO115	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

PO116	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code List Summary (Total Codes: 519, Included: 43)

<u>Code</u>	<u>Name</u>
AG	Age Description: <i>The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers</i> Note 1: <i>Used only by the alcohol beverage industry.</i>
BC	Supplier Brand Code
BL	Brand/Label

Code	Name
BO	Buyers Color
BV	Beverage Common Code
	Note 1: <i>Used only by the alcohol beverage industry. See External Code Source 467 in Section III for reference document.</i>
CG	Commodity Grouping
CH	Country of Origin Code
CM	National Retail Federation Color Code
	Note 1: <i>This is the three-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
CN	Commodity Name
	Note 1: <i>Used only by the alcohol beverage industry.</i>
EN	EAN/UCC - 13
	Description: <i>Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)</i>
EO	EAN/UCC - 8
	Description: <i>Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)</i>
FV	Drug Identification Number (DIN)
	Note 1: <i>See External Code Source 874 in Section III for reference document.</i>
IB	International Standard Book Number (ISBN)
IN	Buyer's Item Number
IS	International Standard Serial Number (ISSN)
IT	Buyer's Style Number
IZ	Buyer's Size Code
LT	Lot Number
MN	Model Number
ND	National Drug Code (NDC)
	Note 1: <i>Used only by the Canadian pharmaceutical retail industry.</i>
OC	Old U.P.C./EAN Consumer Package Code
	Note 1: <i>This code will be marked for deletion in Version 005020 (May 2005) and will no longer appear in Version 005030 (May 2006).</i>
P8	Retail Price Look Up Number (PLU)
	Note 1: <i>This code will be deleted in the version published in 2005.</i>
PI	Purchaser's Item Code
	Note 1: <i>This code will be deleted in the version published in 2005.</i>
PJ	Product Date Code (A code indicating the period during which a product was manufactured.)
SM	National Retail Federation Size Code
	Note 1:

Code	Name
	<i>This is the five-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
SZ	Vendor Alphanumeric Size Code
U2	U.P.C. Shipping Container Code (1-2-5-5) Description: A 13-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, and the remaining five digits are the item code Note 1: <i>This code will be deleted in the version published in 2005.</i>
UA	U.P.C./EAN Case Code (2-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UB	U.P.C./EAN Multipack Code Note 1: <i>This code will be deleted in the version published in 2005.</i>
UC	Product Variant Note 1: <i>The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.</i>
UD	U.P.C./EAN Consumer Package Code (2-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UE	U.P.C./EAN Module Code (2-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UG	Drug U.P.C. Consumer Package Code (1-4-6-1) Description: A specific instance of the Universal Product Code that uses a 4-digit manufacturer identifier code and a 6-digit product code Note 1: <i>This code will be deleted in the version published in 2005.</i>
UH	Drug U.P.C. Shipping Container Code (1-2-4-6-1) Description: A specific instance of the U.P.C. Shipping Container Code that uses a 4-digit manufacturer identifier code and a 6-digit product code Note 1: <i>This code will be deleted in the version published in 2005.</i>
UI	U.P.C. Consumer Package Code (1-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UK	GTIN 14-digit Data Structure Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
UN	U.P.C. Case Code Number (1-1-5-5) Note 1: <i>This code will be deleted in the version published in 2005.</i>
UP	UCC - 12 Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform

Code Name

Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)

VA Vendor's Style Number

VE Vendor Color

VN Vendor's (Seller's) Item Number

Note 1:

Canadian Note:

1. Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.
2. For manufacturers not using U.P.C. (UCC-12) they should contact GS1 Canada (formerly Electronic Commerce Council of Canada (ECCC)).

VT Vintage

Description: The harvest year of the grapes that are part of the composition of a particular wine

Note 1:

Used only by the alcohol beverage industry.

ZZ Mutually Defined

Note 1:

Self-Identifying Container via Radio Frequency ID Device

PO117 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

Syntax Rules:

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.

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. 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.

Loop Pricing Information

Pos: 0400	Repeat: >1
Optional	
Loop: CTP	Elements: N/A

User Option (Usage): Used

Purpose: To specify pricing information

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0400	CTP	Pricing Information	O	1		Used

CTP Pricing Information

Pos: 0400	Max: 1
Detail - Optional	
Loop: CTP	Elements: 6

User Option (Usage): Used

Purpose: To specify pricing information

Note 1:

Canadian Note:

Net Price includes allowances ONLY or List Price before any allowance or charge.

This is a trading partner established agreement.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP01	687	Class of Trade Code	O	ID	2/2	Used

Description: Code indicating class of trade

Code List Summary (Total Codes: 62, Included: 6)

Code Name

- AG Agent
- BG Buying Group
- DE Dealer
- DI Distributor
- RS Resale
- WH Wholesaler

CTP02	236	Price Identifier Code	X	ID	3/3	Must use
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Description: Code identifying pricing specification

Code List Summary (Total Codes: 168, Included: 3)

Code Name

- RTL Retail
- UCP Unit cost price

Note 1:

Item list cost

Note 2:

Canadian Note:

Unit price in the CTP02 is dependant on how the product is ordered (i.e. if the product is ordered by the case, then the pricing in CTP02 is price per case).

- WHL Wholesale

CTP03	212	Unit Price	X	R	1/17	Must use
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Description: Price per unit of product, service, commodity, etc.

Note 1: *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".*

CTP04	380	Quantity	X	R	1/15	Used
-------	-----	-----------------	---	---	------	------

Description: Numeric value of quantity

CTP05	C001	Composite Unit of Measure	X	Comp		Used
-------	------	----------------------------------	---	------	--	------

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: To identify a composite unit of measure (See Figures Appendix for examples of use) Comments: 1. If C001-02 is not used, its value is to be interpreted as 1. 2. If C001-03 is not used, its value is to be interpreted as 1. 3. If C001-05 is not used, its value is to be interpreted as 1. 4. If C001-06 is not used, its value is to be interpreted as 1. 5. If C001-08 is not used, its value is to be interpreted as 1. 6. If C001-09 is not used, its value is to be interpreted as 1. 7. If C001-11 is not used, its value is to be interpreted as 1. 8. If C001-12 is not used, its value is to be interpreted as 1. 9. If C001-14 is not used, its value is to be interpreted as 1. 10. If C001-15 is not used, its value is to be interpreted as 1.				

CTP05-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						

Code List Summary (Total Codes: 844, Included: 15)

<u>Code</u>	<u>Name</u>
BA	Bale
BG	Bag
BO	Bottle
BX	Box
CA	Case
CN	Can
CT	Carton
DS	Display
DZ	Dozen
EA	Each
KG	Kilogram
LB	Pound
PK	Package
PL	Pallet/Unit Load
RL	Roll

CTP09	639	Basis of Unit Price Code	O	ID	2/2	Used
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Description: Code identifying the type of unit price for an item

Code List Summary (Total Codes: 91, Included: 2)

<u>Code</u>	<u>Name</u>
NT	Net
Description: <i>Indicates a net unit price</i>	
PE	Price per Each

Syntax Rules:

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.

Semantics:

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

Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Loop Product/Item Description

Pos: 0500	Repeat: 1000
Optional	
Loop: PID	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0500	PID	Product/Item Description	O	1		Used

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

User Option (Usage): Used

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

Note 1:

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.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	Item Description Type	M	ID	1/1	Must use

Description: Code indicating the format of a description

Code List Summary (Total Codes: 3, Included: 1)

Code Name

F Free-form

Note 1:

The description will be found in PID05.

PID02	750	Product/Process Characteristic Code	O	ID	2/3	Used
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Description: Code identifying the general class of a product or process characteristic

Code List Summary (Total Codes: 238, Included: 1)

Code Name

08 Product

PID05	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

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.

Semantics:

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:

1. 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.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

PO4 Item Physical Details

Pos: 0900	Max: >1
Detail - Optional	
Loop: PO1	Elements: 4

User Option (Usage): Used

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

Note 1:

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.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	356	Pack	O	N0	1/6	Used

Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container

PO402	357	Size	X	R	1/8	Used
-------	-----	------	---	---	-----	------

Description: Size of supplier units in pack

PO403	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
-------	-----	------------------------------------	---	----	-----	------

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 844, Included: 159)

Code Name

12 Packet

15 Stick

1N Count

26 Actual Tons

2W Bin

Description: Storage container used as a unit of measurement

50 Actual Kilograms

AF Centigram

Description: A unit of metric weight equal to 0.01 gram or 0.000035 ounce

AM Ampoule

AR Suppository

AS Assortment

AV Capsule

Description: A compact metallic or plastic container for liquids or solids

AZ British Thermal Units (BTUs) per Pound

BA Bale

BF Board Feet

BG Bag

BK Book

<u>Code</u>	<u>Name</u>
BO	Bottle
BP	100 Board Feet
BR	Barrel
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
	Note 1:
	<i>Degrees</i>
CF	Cubic Feet
CH	Container
CI	Cubic Inches
CM	Centimeter
CN	Can
CR	Cubic Meter
CT	Carton
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
DA	Days
DC	Disk (Disc)
DD	Degree
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen
EA	Each
EP	Eleven pack
F2	International Unit
	Description: <i>A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin</i>
FA	Fahrenheit
	Note 1:
	<i>Degrees</i>
FG	Transdermal Patch
	Description: <i>A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin</i>
FO	Fluid Ounce
FT	Foot
	Note 1:
	<i>Feet</i>
FZ	Fluid Ounce (Imperial)

<u>Code</u>	<u>Name</u>
	Description: <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>
GA	Gallon
GN	Gross Gallons
GR	Gram
GS	Gross
H3	18-Pack
H5	22-Pack
H6	30-Pack
H7	38-Pack
H8	62-Pack
H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler
	Description: <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
IN	Inch
J1	80-Pack
J3	81-Pack
J4	82-Pack
J5	84-Pack
J6	85-Pack
J7	96-Pack
J8	5000-Pack
J9	Left Unit
JC	Caplet
	Description: <i>To denote items in caplet form</i>
JL	Refill
	Description: <i>Refers to the number of refill units in a package</i>
JN	Pan
	Description: <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	Description: <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	Description: <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	Description: <i>Refers to giftware products in a tin</i>
JV	Ovule
	Description: <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	Description: <i>To be used to indicate the number of exposures on a roll of film</i>

<u>Code</u>	<u>Name</u>
KE	Keg Description: <i>A unit of weight equal to 100 pounds, used for nails</i>
KG	Kilogram
KT	Kit
L1	Right Unit
LB	Pound
LF	Linear Foot Note 1: <i>Running Feet</i>
LT	Liter
LY	Linear Yard Note 1: <i>Running Yard</i>
M4	Monetary Value
MC	Microgram
ME	Milligram
MJ	Minutes
ML	Milliliter
MM	Millimeter
MO	Months
MR	Meter
NG	Net Gallons
OP	Two pack
OZ	Ounce - Av
P1	Percent
P3	Three pack
P4	Four-pack
P5	Five-pack
P6	Six pack
P7	Seven pack
P8	Eight-pack
P9	Nine pack
PC	Piece
PD	Pad
PF	Pallet (Lift)
PH	Pack (PAK)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QB	Pages - Hardcopy Description: <i>Number of printed pages delivered</i>
QT	Quart
RL	Roll
S9	Slip Sheet Description: <i>A cardboard platform used for holding product for storage or</i>

Code	Name
	<i>transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	Description: <i>Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle</i>
TB	Tube
TC	Truckload
TE	Tote
TH	Thousand
TK	Tank
TM	Thousand Feet (Board)
TP	Ten-pack
TS	Thousand Square Feet
U2	Tablet
	Description: <i>A compressed or molded block of solid material; a collection of sheet paper glued together at one edge</i>
UN	Unit
V2	Pouch
VI	Vial
WG	Wine Gallon
Y4	Tub
	Description: <i>A measure used to identify a storage container</i>
YD	Yard
YR	Years
Z7	13-pack Marketing
Z9	14-pack Marketing
ZF	16-pack Marketing
ZG	48-pack Component Parts
ZH	51-pack Component Parts
ZI	52-pack Component Parts
ZJ	60-pack Gift Packs
ZK	72-pack Gift Packs
ZL	83-pack Gift Packs
ZM	10-pack Marketing
ZN	120-pack Promotional
ZO	150-pack Component Parts
ZQ	200-pack Component Parts
ZR	1000-pack Component Parts
ZS	15-Pack

PO414 810 **Inner Pack** O N0 1/6 Used

Description: The number of eaches per inner container

Syntax Rules:

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.

Semantics:

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:

1. 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".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 1300	Repeat: 25
Optional	
Loop: SAC	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1300 Max: 1
 Detail - Optional
 Loop: SAC Elements: 15

User Option (Usage): Used

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

Note 1:

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.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use

Description: Code which indicates an allowance or charge for the service specified

Code List Summary (Total Codes: 7, Included: 4)

Code Name

- A Allowance
- C Charge
- N No Allowance or Charge
- R Allowance Request

SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used
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Description: Code identifying the service, promotion, allowance, or charge

Note 1:

See Section III for code list.

SAC03	559	Agency Qualifier Code	X	ID	2/2	Used
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Description: Code identifying the agency assigning the code values

Code List Summary (Total Codes: 194, Included: 1)

Code Name

- VI Voluntary Inter-Industry Commerce Standard (VICS) EDI

Note 1:

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

SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN	1/10	Used
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Description: Agency maintained code identifying the service, promotion, allowance, or charge

Note 1: *See External Code Source 46 in Section III for reference document.*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
<i>See Section III for code list.</i>						
SAC05	610	Amount	O	N2	1/15	Used
Description: Monetary amount						
Note 1: 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.						
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used
Description: Code indicating on what basis allowance or charge percent is calculated						
Code List Summary (Total Codes: 16, Included: 7)						
Code Name						
1 Item List Cost						
2 Item Net Cost						
3 Discount/Gross						
Note 1: <i>All allowances are off the gross price including cash discount.</i>						
4 Discount/Net						
Note 1: <i>All allowances are off the gross price. Cash discounts are off the net.</i>						
5 Base Price per Unit						
Note 1: <i>Line item discount</i>						
6 Base Price Amount						
7 Base Price Amount Less Previous Discount						
Note 1: <i>Declining balance method</i>						
SAC07	332	Percent, Decimal Format	X	R	1/6	Used
Description: Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)						
Note 1: 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".						
SAC08	118	Rate	O	R	1/9	Used
Description: Rate expressed in the standard monetary denomination for the currency specified						
SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
Code List Summary (Total Codes: 844, Included: 4)						
Code Name						
2W Bin						
Description: Storage container used as a unit of measurement						
CA Case						
EA Each						

		<u>Code</u>	<u>Name</u>				
		PL	Pallet/Unit Load				
SAC10	380	Quantity		X	R	1/15	Used
		Description: Numeric value of quantity					
		Note 1: 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.					
SAC12	331	Allowance or Charge Method of Handling Code		O	ID	2/2	Used
		Description: Code indicating method of handling for an allowance or charge					
		Code List Summary (Total Codes: 22, Included: 6)					
		<u>Code</u>	<u>Name</u>				
		01	Bill Back				
		Note 1: <i>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.</i>					
		02	Off Invoice				
		Note 1: <i>The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.</i>					
		03	Vendor Check to Customer				
		Note 1: <i>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.</i>					
		04	Credit Customer Account				
		Note 1: <i>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.</i>					
		05	Charge to be Paid by Vendor				
		Note 1: <i>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.</i>					
		06	Charge to be Paid by Customer				
		Note 1: <i>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.</i>					
SAC13	127	Reference Identification		X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
SAC14	770	Option Number		O	AN	1/20	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: A unique number identifying available promotion or allowance options when more than one is offered				
SAC15	352	Description	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
SAC16	819	Language Code	O	ID	2/3	Used
		Description: Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)				
		Note 1: See <i>External Code Source 102</i> in Section III for reference document.				

Syntax Rules:

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. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

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:

1. 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.
2. 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.

SDQ Destination Quantity

Pos: 1900	Max: 500
Detail - Optional	
Loop: PO1	Elements: 22

User Option (Usage): Used

Purpose: To specify destination and quantity detail

Note 1:

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.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 844, Included: 4)

Code Name

2W Bin

Description: Storage container used as a unit of measurement

CA Case

EA Each

PL Pallet/Unit Load

SDQ02	66	Identification Code Qualifier	O	ID	1/2	Must use
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Description: Code designating the system/method of code structure used for Identification Code (67)

Code List Summary (Total Codes: 241, Included: 6)

Code Name

1 D-U-N-S Number, Dun & Bradstreet

Note 1:

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

Note 1:

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

21 Health Industry Number (HIN)

Note 1:

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

91 Assigned by Seller or Seller's Agent

92 Assigned by Buyer or Buyer's Agent

UL Global Location Number (GLN)

Description: A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system

Note 1:

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

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

SDQ03	67	Identification Code	M	AN	2/80	Must use
		Description: Code identifying a party or other code				
SDQ04	380	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				
SDQ05	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ06	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ07	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ08	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ09	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ10	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ11	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ12	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ13	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ14	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ15	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ16	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ17	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ18	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ19	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ20	380	Quantity	X	R	1/15	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Numeric value of quantity				
SDQ21	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ22	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				

Syntax Rules:

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.

Semantics:

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

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. 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.

Loop Transaction Totals

Pos: 0100	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	CTT	Transaction Totals	O	1		Used

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 5

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	Number of Line Items	M	N0	1/6	Must use

Description: Total number of line items in the transaction set

Note 1: *The number of PO1 segments present in the transaction set*

CTT03	81	Weight	X	R	1/10	Used
-------	----	--------	---	---	------	------

Description: Numeric value of weight

CTT04	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
-------	-----	------------------------------------	---	----	-----	------

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 844, Included: 159)

Code Name

12 Packet

15 Stick

1N Count

26 Actual Tons

2W Bin

Description: *Storage container used as a unit of measurement*

50 Actual Kilograms

AF Centigram

Description: *A unit of metric weight equal to 0.01 gram or 0.000035 ounce*

AM Ampoule

AR Suppository

AS Assortment

AV Capsule

Description: *A compact metallic or plastic container for liquids or solids*

AZ British Thermal Units (BTUs) per Pound

BA Bale

BF Board Feet

BG Bag

BK Book

BO Bottle

BP 100 Board Feet

BR Barrel

BX Box

C3 Centiliter

CA Case

CC Cubic Centimeter

CE Centigrade, Celsius

Code	Name
	Note 1: <i>Degrees</i>
CF	Cubic Feet
CH	Container
CI	Cubic Inches
CM	Centimeter
CN	Can
CR	Cubic Meter
CT	Carton
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
DA	Days
DC	Disk (Disc)
DD	Degree
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen
EA	Each
EP	Eleven pack
F2	International Unit Description: <i>A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin</i>
FA	Fahrenheit Note 1: <i>Degrees</i>
FG	Transdermal Patch Description: <i>A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin</i>
FO	Fluid Ounce
FT	Foot Note 1: <i>Feet</i>
FZ	Fluid Ounce (Imperial) Description: <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>
GA	Gallon
GN	Gross Gallons
GR	Gram
GS	Gross
H3	18-Pack
H5	22-Pack

GS1CA 5010-2020

<u>Code</u>	<u>Name</u>
H6	30-Pack
H7	38-Pack
H8	62-Pack
H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler
	Description: <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
IN	Inch
J1	80-Pack
J3	81-Pack
J4	82-Pack
J5	84-Pack
J6	85-Pack
J7	96-Pack
J8	5000-Pack
J9	Left Unit
JC	Caplet
	Description: <i>To denote items in caplet form</i>
JL	Refill
	Description: <i>Refers to the number of refill units in a package</i>
JN	Pan
	Description: <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	Description: <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	Description: <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	Description: <i>Refers to giftware products in a tin</i>
JV	Ovule
	Description: <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	Description: <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	Description: <i>A unit of weight equal to 100 pounds, used for nails</i>
KG	Kilogram
KT	Kit
L1	Right Unit
LB	Pound
LF	Linear Foot

Note 1:

Code	Name
	<i>Running Feet</i>
LT	Liter
LY	Linear Yard
	Note 1:
	<i>Running Yard</i>
M4	Monetary Value
MC	Microgram
ME	Milligram
MJ	Minutes
ML	Milliliter
MM	Millimeter
MO	Months
MR	Meter
NG	Net Gallons
OP	Two pack
OZ	Ounce - Av
P1	Percent
P3	Three pack
P4	Four-pack
P5	Five-pack
P6	Six pack
P7	Seven pack
P8	Eight-pack
P9	Nine pack
PC	Piece
PD	Pad
PF	Pallet (Lift)
PH	Pack (PAK)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QB	Pages - Hardcopy
	Description: <i>Number of printed pages delivered</i>
QT	Quart
RL	Roll
S9	Slip Sheet
	Description: <i>A cardboard platform used for holding product for storage or transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	Description: <i>Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle</i>

Code Name

TB Tube
 TC Truckload
 TE Tote
 TH Thousand
 TK Tank
 TM Thousand Feet (Board)
 TP Ten-pack
 TS Thousand Square Feet
 U2 Tablet

Description: *A compressed or molded block of solid material; a collection of sheet paper glued together at one edge*

UN Unit
 V2 Pouch
 VI Vial
 WG Wine Gallon
 Y4 Tub

Description: *A measure used to identify a storage container*

YD Yard
 YR Years
 Z7 13-pack Marketing
 Z9 14-pack Marketing
 ZF 16-pack Marketing
 ZG 48-pack Component Parts
 ZH 51-pack Component Parts
 ZI 52-pack Component Parts
 ZJ 60-pack Gift Packs
 ZK 72-pack Gift Packs
 ZL 83-pack Gift Packs
 ZM 10-pack Marketing
 ZN 120-pack Promotional
 ZO 150-pack Component Parts
 ZQ 200-pack Component Parts
 ZR 1000-pack Component Parts
 ZS 15-Pack

CTT05 183 **Volume** X R 1/8 Used

Description: Value of volumetric measure

CTT06 355 **Unit or Basis for Measurement Code** X ID 2/2 Used

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 844, Included: 159)

Code Name

12 Packet
 15 Stick
 1N Count

<u>Code</u>	<u>Name</u>
26	Actual Tons
2W	Bin
	Description: <i>Storage container used as a unit of measurement</i>
50	Actual Kilograms
AF	Centigram
	Description: <i>A unit of metric weight equal to 0.01 gram or 0.000035 ounce</i>
AM	Ampoule
AR	Suppository
AS	Assortment
AV	Capsule
	Description: <i>A compact metallic or plastic container for liquids or solids</i>
AZ	British Thermal Units (BTUs) per Pound
BA	Bale
BF	Board Feet
BG	Bag
BK	Book
BO	Bottle
BP	100 Board Feet
BR	Barrel
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
	Note 1:
	<i>Degrees</i>
CF	Cubic Feet
CH	Container
CI	Cubic Inches
CM	Centimeter
CN	Can
CR	Cubic Meter
CT	Carton
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
DA	Days
DC	Disk (Disc)
DD	Degree
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen

Code	Name
EA	Each
EP	Eleven pack
F2	International Unit Description: <i>A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin</i>
FA	Fahrenheit Note 1: <i>Degrees</i>
FG	Transdermal Patch Description: <i>A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin</i>
FO	Fluid Ounce
FT	Foot Note 1: <i>Feet</i>
FZ	Fluid Ounce (Imperial) Description: <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>
GA	Gallon
GN	Gross Gallons
GR	Gram
GS	Gross
H3	18-Pack
H5	22-Pack
H6	30-Pack
H7	38-Pack
H8	62-Pack
H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler Description: <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
IN	Inch
J1	80-Pack
J3	81-Pack
J4	82-Pack
J5	84-Pack
J6	85-Pack
J7	96-Pack
J8	5000-Pack
J9	Left Unit
JC	Caplet Description: <i>To denote items in caplet form</i>
JL	Refill

<u>Code</u>	<u>Name</u>
	Description: <i>Refers to the number of refill units in a package</i>
JN	Pan
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L1	Right Unit
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	Note 1:
	<i>Running Feet</i>
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MO	Months
MR	Meter
NG	Net Gallons
OP	Two pack
OZ	Ounce - Av
P1	Percent
P3	Three pack
P4	Four-pack
P5	Five-pack
P6	Six pack
P7	Seven pack

<u>Code</u>	<u>Name</u>
P8	Eight-pack
P9	Nine pack
PC	Piece
PD	Pad
PF	Pallet (Lift)
PH	Pack (PAK)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QB	Pages - Hardcopy
	Description: <i>Number of printed pages delivered</i>
QT	Quart
RL	Roll
S9	Slip Sheet
	Description: <i>A cardboard platform used for holding product for storage or transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	Description: <i>Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle</i>
TB	Tube
TC	Truckload
TE	Tote
TH	Thousand
TK	Tank
TM	Thousand Feet (Board)
TP	Ten-pack
TS	Thousand Square Feet
U2	Tablet
	Description: <i>A compressed or molded block of solid material; a collection of sheet paper glued together at one edge</i>
UN	Unit
V2	Pouch
VI	Vial
WG	Wine Gallon
Y4	Tub
	Description: <i>A measure used to identify a storage container</i>
YD	Yard
YR	Years
Z7	13-pack Marketing
Z9	14-pack Marketing
ZF	16-pack Marketing

<u>Code</u>	<u>Name</u>
ZG	48-pack Component Parts
ZH	51-pack Component Parts
ZI	52-pack Component Parts
ZJ	60-pack Gift Packs
ZK	72-pack Gift Packs
ZL	83-pack Gift Packs
ZM	10-pack Marketing
ZN	120-pack Promotional
ZO	150-pack Component Parts
ZQ	200-pack Component Parts
ZR	1000-pack Component Parts
ZS	15-Pack

Syntax Rules:

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:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	Number of Included Segments	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Note 1: This must be the same number as is in the ST segment (ST02) for the transaction set.

Comments:

- SE is the last segment of each transaction set.