



# **850 Purchase Order - Canada**

VICS EDI

**Version: 007020VICS**

<b>Author:</b>	<b>GS1 US and GS1 Canada</b>
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# 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.

**Note 1:**

*This functional Profile is used by the grocery and pharmaceutical industries in Canada. It is used in conjunction with VICS EDI Guidelines for this transaction set.*

**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	12
0500	REF	Reference Information	O	>1			Used	13
0600	PER	Administrative Communications Contact	O	3			Used	14
* 0700	TAX	Tax Reference	O	>1				N/A
0800	FOB	F.O.B. Related Instructions	O	>1			Used	16
* 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
<b>LOOP ID - SAC</b>						<b>≥1</b>		17
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used	18
* 1250	CUR	Currency	O	1				N/A
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used	46
* 1400	DIS	Discount Detail	O	20				N/A
* 1450	INC	Installment Information	O	1				N/A
1500	DTM	Date/Time Reference	O	10			Used	48
* 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	O	>1			Used	49

<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>
		Sequence/Transit Time)						
2500	TD3	Carrier Details (Equipment)	O	12			Used	52
* 2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5				N/A
* 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
<b>* LOOP ID - LDT</b>						<b>≥1</b>		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
<b>* LOOP ID - AMT</b>						<b>≥1</b>		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
<b>* LOOP ID - FA1</b>						<b>≥1</b>		N/A
* 2930	FA1	Type of Financial Accounting Data	O	1				N/A
* 2940	FA2	Accounting Data	M	>1				N/A
<b>LOOP ID - N9</b>						<b>1000</b>		53
2950	N9	Extended Reference Information	O	1			Used	54
* 2970	DTM	Date/Time Reference	O	>1				N/A
3000	MTX	Text	O	>1			Used	55
* 3050	PWK	Paperwork	O	>1				N/A
* 3080	EFI	Electronic Format Identification	O	>1				N/A
<b>LOOP ID - N1</b>						<b>≥1</b>		56
3100	N1	Party Identification	O	1			Used	57
3200	N2	Additional Name Information	O	2			Used	60
* 3250	IN2	Individual Name Structure Components	O	>1				N/A
3300	N3	Party Location	O	2			Used	61
3400	N4	Geographic Location	O	>1			Used	62
* 3450	NX2	Location ID Component	O	>1				N/A
3500	REF	Reference Information	O	12			Used	63
* 3600	PER	Administrative Communications Contact	O	>1				N/A
* 3650	SI	Service Characteristic Identification	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>
* 3700	FOB	F.O.B. Related Instructions	O	1				N/A
* 3800	TD1	Carrier Details (Quantity and Weight)	O	2				N/A
* 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
<b>* LOOP ID - LM</b>						<b>≥1</b>		N/A
* 4300	LM	Code Source Information	O	1				N/A
* 4400	LQ	Industry Code Identification	M	>1				N/A
<b>* LOOP ID - SPI</b>						<b>≥1</b>		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
<b>* LOOP ID - N1</b>						<b>20</b>		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
<b>* LOOP ID - CB1</b>						<b>≥1</b>		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
<b>* LOOP ID - ADV</b>						<b>≥1</b>		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>
<b><u>LOOP ID - PO1</u></b>						<b><u>≥1</u></b>	<b><u>N2/0100L</u></b>	64
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use	65
* 0150	LIN	Item Identification	O	>1				N/A
* 0180	SI	Service Characteristic Identification	O	>1				N/A
* 0200	CUR	Currency	O	1				N/A
* 0250	CN1	Contract Information	O	1				N/A
* 0300	PO3	Additional Item Detail	O	25				N/A
<b><u>LOOP ID - CTP</u></b>						<b><u>≥1</u></b>		70
0400	CTP	Pricing Information	O	1			Used	71
* 0430	CUR	Currency	O	1				N/A
* 0450	PAM	Period Amount	O	10				N/A
* 0490	MEA	Measurements	O	40				N/A
<b><u>LOOP ID - PID</u></b>						<b><u>1000</u></b>		73
0500	PID	Product/Item Description	O	1			Used	74
* 0600	MEA	Measurements	O	10				N/A
* 0700	PWK	Paperwork	O	25				N/A
0900	PO4	Item Physical Details	O	>1			Used	76
* 1000	REF	Reference Information	O	>1				N/A
* 1100	PER	Administrative Communications Contact	O	3				N/A
<b><u>LOOP ID - SAC</u></b>						<b><u>≥1</u></b>		78
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used	79
* 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	>1				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	>1			Used	107
* 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	O	5				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>
		Materials, or Both)						
* 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
* 2900	SPI	Specification Identifier	O	>1				N/A
* 2910	TXI	Tax Information	O	>1				N/A
* 2920	CTB	Restrictions/Conditions	O	>1				N/A
<b>* LOOP ID - QTY</b>					<b>≥1</b>			N/A
* 2930	QTY	Quantity Information	O	1				N/A
* 2940	SI	Service Characteristic Identification	O	>1				N/A
<b>* LOOP ID - SCH</b>					<b>200</b>	<b>N2/2950L</b>		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
<b>* LOOP ID - PKG</b>					<b>200</b>			N/A
* 3050	PKG	Marking, Packaging, Loading	O	1				N/A
* 3100	MEA	Measurements	O	>1				N/A
<b>* LOOP ID - LS</b>					<b>1</b>			N/A
* 3200	LS	Loop Header	O	1				N/A
<b>* LOOP ID - LDT</b>					<b>≥1</b>			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
<b>* LOOP ID - LM</b>					<b>≥1</b>			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
<b>* LOOP ID - N9</b>					<b>1000</b>			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

<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>
* 3480	EFI	Electronic Format Identification	O	>1				N/A
<b>* LOOP ID - N1</b>						<b>200</b>		N/A
* 3500	N1	Party Identification	O	1				N/A
* 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
<b>* LOOP ID - LDT</b>						<b>≥1</b>		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
<b>* LOOP ID - SLN</b>						<b>1000</b>		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



<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>
* 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
* 5180	PO4	Item Physical Details	O	1				N/A
* 5190	TAX	Tax Reference	O	3				N/A
<b>* LOOP ID - N9</b>						<b>≥1</b>		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
<b>* LOOP ID - SAC</b>						<b>25</b>		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
<b>* LOOP ID - QTY</b>						<b>≥1</b>		N/A
* 5290	QTY	Quantity Information	O	1				N/A
* 5300	SI	Service Characteristic Identification	O	>1				N/A
<b>* LOOP ID - N1</b>						<b>10</b>		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
<b>* LOOP ID - AMT</b>						<b>≥1</b>		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
<b>* LOOP ID - LM</b>						<b>≥1</b>		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>
<b>LOOP ID - CTT</b>						<b>1</b>	<b>N3/0100L</b>	110
0100	CTT	Transaction Totals	O	1		N3/0100	Used	111
* 0200	AMT	Monetary Amount Information	O	1		N3/0200		N/A
0300	SE	Transaction Set Trailer	M	1			Must use	113

**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 identifying a Transaction Set

**Note 1:** 850 Purchase Order - Canada

**CodeList Summary** (Total Codes: 322, 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: 6

**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

**CodeList Summary** (Total Codes: 76, Included: 3)

### Code Name

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
-------	----	--------------------------	---	----	-----	----------

**Description:** Code specifying the type of Purchase Order

**CodeList Summary** (Total Codes: 82, Included: 2)

### Code Name

KC	Contract
----	----------

**Description:** A legally binding document wherein one party agrees to provide supplies or services and another party agrees to provide compensation for the supplies or services

SA	Stand-alone Order
----	-------------------

BEG03	324	Purchase Order Number	M	AN	1/22	Must use
-------	-----	-----------------------	---	----	------	----------

**Description:** Identifying number for Purchase Order assigned by the orderer/purchaser

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

BEG04	328	Release Number	O	AN	1/30	Used
-------	-----	----------------	---	----	------	------

**Description:** Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

**Note 1:** Retailer's release against the purchase order, if used

BEG05	373	Date	M	DT	8/8	Must use
-------	-----	------	---	----	-----	----------

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

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BEG06	367	<b>Contract Number</b>	O	AN	1/30	Used

**Description:** Contract number

**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 (VICS EDI Conventions) for CUR usage

## 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>
CUR01	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use
<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual						
<b>CodeList Summary</b> (Total Codes: 1536, Included: 1)						
<b>Code Name</b>						
BY Buying Party (Purchaser)						
CUR02	100	<b>Currency Code</b>	M	ID	3/3	Must use
<b>Description:</b> Code specifying the Standard ISO code for country in whose currency the charges are specified						
<b>Note 1:</b> See External Code Source 5 in Section III for reference document.						
<b>CodeList Summary</b> (Total Codes: 2, Included: 2)						
<b>Code Name</b>						
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 GS1 General Specifications document for specific guidance.

## 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 identifying the Reference Identification

**CodeList Summary** (Total Codes: 1873, 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 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	1/80	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

**CodeList Summary** (Total Codes: 241, Included: 2)

**Code Name**

BD Buyer Name or Department  
IC Information Contact

PER02	93	Name	O	AN	1/60	Used
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**Description:** Free-form name

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

**Description:** Code identifying the type of communication number

**CodeList Summary** (Total Codes: 43, Included: 4)

**Code Name**

EM Electronic Mail  
FX Facsimile  
TE Telephone  
TS Text Message Address

**Description:** A communication protocol allowing for instant communication between parties using a text messaging service, such as Short Message Service (SMS)

PER04	364	Communication Number	X	AN	1/2048	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

**CodeList Summary** (Total Codes: 43, Included: 4)

**Code Name**

EM Electronic Mail  
FX Facsimile  
TE Telephone  
TS Text Message Address

**Description:** A communication protocol allowing for instant communication between parties using a text messaging service, such as Short Message Service (SMS)



PER06 364 **Communication Number** X AN 1/2048 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

**CodeList Summary** (Total Codes: 43, Included: 4)

**Code Name**

EM Electronic Mail

FX Facsimile

TE Telephone

TS Text Message Address

**Description:** A communication protocol allowing for instant communication between parties using a text messaging service, such as Short Message Service (SMS)

PER08 364 **Communication Number** X AN 1/2048 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:

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

**Description:** Code identifying payment terms for transportation charges

**CodeList 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
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**Description:** Code identifying type of location

**CodeList Summary** (Total Codes: 184, Included: 2)

**Code Name**

DE	Destination (Shipping)
OR	Origin (Shipping Point)

FOB03	352	Description	O	AN	1/80	Used
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**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: >1
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	<b>Allowance or Charge Indicator Code</b>	M	ID	1/1	Must use

**Description:** Code indicating an allowance or charge for the service specified

**CodeList 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	<b>Service, Promotion, Allowance, or Charge Code</b>	X	ID	4/4	Used
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**Description:** Code identifying the service, promotion, allowance, or charge

**Note 1:** Preferred Canadian tax codes are  
*D350 Goods and Services Credit Allowance; used for GST and HST Credit Allowance.*  
*D360 Goods and Services Tax Charge; used for GST and HST Tax Charge*  
*H490 Subject to tax on resale; used for Provincial Tobacco Tax*  
*H770 Tax - State Tax; used for Provincial Sales Tax*  
*H806 Tax Credit; used for Provincial Tax Credit*

**CodeList Summary** (Total Codes: 1091, Included: 1090)

<u>Code</u>	<u>Name</u>
A010	Absolute Minimum Charge
A020	Access Charge - Federal
A030	Access Charge - State
A040	Access Charges
A050	Account Number Correction Charge
A060	Acid (Battery)
A070	Acknowledgment of Delivery Fee (AOD)

<b><u>Code</u></b>	<b><u>Name</u></b>
A080	Activation of Carnet
A090	Ad Valorem
A100	Add on - Destination
A110	Add on - Origin
A112	Add to Make Market Value
A120	Additional Copies of Freight Bill
A121	Additional Commercial Invoices
A122	Additional Tariff Classifications
A130	Additional Material
A140	Address Correction
A150	Adjustment for Maximum Charges Billing
A160	Adjustment for Minimum Average Time Requirement Billing
A170	Adjustments
A172	Administrative
A180	Advance Charges Handling
A190	Advance Destination Amount
A200	Advance Destination Fee
A210	Advance Fee
A220	Advance Lading Charge
A230	Advance Origin Amount
A240	Advance Origin Fee
A250	Advances
A260	Advertising Allowance
A270	Affidavit
A280	Agent Disbursement - Destination
A290	Agent Disbursement - Origin
A300	Air Export Certificate
A310	Air Express Charge
A320	Air Transportation Charge
A330	Aircraft On Ground (AOG)
A340	Airline Opening Fee
A350	Airport Terminal Handling Charge
A360	Alcoholic Beverage Report Charge
A370	Allegheny County, PA Delivery Charge
A380	Allowance Advance
A390	Allowance for Consignment Merchandise
A400	Allowance Non-performance
A410	"Alterations"
A420	Amending Export Documentation
A430	Anneal/Heat (Steel or Glass Treatment)
A440	Anodizing Charge
A445	Anti-dumping Duty
A450	Appointment (Notification)
A460	Arbitrary (In Addition to Through Rates and Charges)
A470	Art Work
A480	Assembly
A485	Assist Amount

<u>Code</u>	<u>Name</u>
A490	Attachments to Bill of Lading Charge
A500	Bad Debt
A510	Banking Drafts
A520	Base Charge
A530	Basic Reorder Allowance
A540	Beaming Charge
A550	Bedding/Feeding/Disinfecting
A555	Beef Fee
A560	Beyond Charge
A570	Beyond Freight Charges
A580	Bill and Hold
A590	Bill of Lading Attendancy
A600	Bill of Lading Charge
A610	Billed Demand
A620	Black Lung Tax
A630	Blocking and Bracing Charge
A640	Blower Charge
A650	Bobtail Charges
A658	Bond Amount
A660	Bond Charge
A670	Bordeaux Arbitraries
A680	Both-Flat
A690	Break Bulk Surface Charge
A691	Breakbulk Services
A700	Bridge Toll
A710	Broken Lot
A720	Broken Package Charge
A721	Brokerage
A730	Brokerage or Duty
A740	Bunker Surcharge
A750	Burning
A760	Buyer Hand Carry
A770	Buyers Car Allowance
A780	Cable Pressurization
A790	Cables (sending of)
A800	Call Tag
A810	Camp Arbitrary
A820	Canada Great Lakes Additionals
A830	Canadian C.Q.Customs Clearance
A840	Canadian Currency Exchange
A850	Canadian Import Termination Fee
A860	Canadian Reconsignment Fee
A870	Canadian Remanifest Fee
A880	Cancellation Charge
A890	Cancelled Order, Heavy Duty Flatcar
A900	Capping
A910	Car Loading

<b><u>Code</u></b>	<b><u>Name</u></b>
A920	Car Rental
A930	Carrier Credit Allowance
A940	Carrier Debit Allowance
A950	Carrier Notification Charge
A960	Carrier
A970	Cartage Charge
A980	Cartage
A990	Cataloging Services
ADOW	Payroll Additives, Overtime Labor
ADRW	Payroll Additives, Straight Time Labor
AFEE	Fee
	<b>Description:</b> <i>Percentage or fixed fee an organization charges for services</i>
ALPT	Port Changes
B000	Central Buy
B010	Cents Off
B015	Bop Sheet
	<b>Description:</b> <i>A cardboard pallet</i>
B020	Certificate of Conformance
B030	Certificate of Origin
B040	Certificate of Registration
B050	Certification
B060	Chain and Binders
B070	Chamber of Commerce Service Charge
B080	Change of Airbill - Service Fee
B090	Charges Forward/Advance Charge
B091	Charter Services
B100	Chassis Transfer
B110	Chemical Milling Charge
B120	Chicago Loop Charge
B130	Cigarette Stamping
B140	City Delivery
B150	City maintenance fee
B160	City Pickup
B170	City Terminal Charge
B180	Cleaning Charge
B190	Closing & Sealing
B200	Co-manufacturing Discount
B210	Co-op Credit
B220	Coating (Dip, Rustproof, EDP)
B230	COD Amount
B240	COD Charges
B250	Collect on Delivery Alteration Charge
B260	Collect on Delivery Deletion Charge
B270	Collect Surcharge
B280	Combination Performance and Non-performance
B290	Combination
B300	Combine All Same Day Shipment

<b><u>Code</u></b>	<b><u>Name</u></b>
B310	Commission Amount
B320	Competitive Allowance
B330	Competitive Car Allowance
B340	Competitive Price
B350	Compressor Charge
B360	Concession Credit
B370	Concession Money
B380	Congestion Surcharge
B390	Connect Charge
B400	Conservation research fee
B500	Consignee Unload
B510	Consolidation
B520	Constant Surveillance Service - Armed
B530	Constant Surveillance Service
B540	Consular Legalization Service
B550	Consularization Fee
B551	Consulting Service
B555	Consumer Service Provider Charge
B560	Container Allowance
B570	Container Deposits
B580	Container Destuffing
B581	Container Discount
B590	Container Leasing
B600	Container Service Charge UK/EUR
B610	Container Service Charge USA/Canada
B620	Container Stuffing
B630	Container/Trailer Allowance
B650	Continuous Mileage
B660	Contract Allowance
B670	Contract Escalation
B680	Contract Service Charge
B690	Controlled Atmosphere
B700	Converting
B720	Cooperative Advertising/Merchandising Allowance (Performance)
B730	Copy of Bill of Lading Charge
B740	Copy of Delivery Receipt Charge
B742	Copying
B750	Core Charge
B760	Cost Recovery Factor
B770	Cost recovery/adjustment
B775	Cotton Fee
B780	Count and Recount
B785	Coupon Reimbursement
B787	Countervailing Duty
B790	Crafting
B791	Crating
B800	Credit



<b><u>Code</u></b>	<b><u>Name</u></b>
B801	Credit Card Processing Fee
B802	Credit Card Processing Fee - Automated Dial-up Line
B803	Credit Card Processing Fee - Leased Line
B804	Credit Card Processing Fee - Fleet Cards
B810	Currency Adjustment Factor
B820	Currency Adjustment
B830	Currency Discount
B840	Customer Account Identification
B850	Customer Equipment Allowance
B860	Customs Broker Fee
B870	Customs Charge
B872	Customs Duty
B880	Customs Entry
B881	Customs Exam
B890	Customs Formalities
B900	Customs Invoice - Additional Page
B910	Customs Invoice
B911	Customs Penalty
B920	Cut and Parallel
B930	Cut
B940	Cutting Charge
B950	Damaged Merchandise
B960	Data/Drawing Charge
B970	De-Installation
B980	Deadhead Mileage Charge
B990	Deaf and Disabled Surcharge
B992	Declared Value for Carriage
B994	Declared Value for Customs
B996	Declared Value for Insurance
B998	Deduct to Make Market Value
BU2T	Bunker Adjustment - 20 Foot Container
BU4T	Bunker Adjustment - 40 Foot Container
BUAT	Bunker Adjustment
BURD	Burden, Overhead, or Allowance for Indirect Costs
C000	Defective Allowance
C010	Deficit Freight
C020	Delay Furnishing Destination Weights
C030	Delivery Surcharge
C040	Delivery
C050	Demand charge
C060	Demurrage - Average Agreement
C070	Demurrage - Special
C080	Demurrage
C090	Deposit Charges
C100	Deposit in Lieu of Order
C110	Deposit
C120	Deramping

<b><u>Code</u></b>	<b><u>Name</u></b>
C130	Derrick Charge
C140	Designated Supplier Inspection
C150	Destination Charge
C160	Detention - Special Type Flat Car
C170	Detention Loading
C180	Detention of Power Units
C190	Detention of Trailers
C200	Detention Unloading
C210	Determined Freight
C220	Development Charge
C230	Die Service Charge
C231	Disbursement
C240	Disconnect Charge
C250	Discount - Drop Box/Convenience Ctr.
C260	Discount - Incentive
C270	Discount - Multiple Shipment
C280	Discount - Service Option (Delivery)
C290	Discount - Service Option (Pickup)
C300	Discount - Special
C310	Discount
C320	Display Allowance
C330	Distribution Fee
C340	Distribution Service
C350	Distributor Discount/Allowance
C360	Diversion and Reconsignment
C370	Diversion Charge
C380	Diversion to Air Charge
C390	Dockage - Boat Detention
C400	Documentation Charge
C401	Document Handling
C402	Door-to-Door
C410	Dowel Pin Charge
C420	Drayage
C430	Drayage/Line Haul
C440	Driver Assisted Unloading
C450	Driver's Wages
C460	Drop Dock
C470	Drop Yard
C480	Drum Cost
C490	Drum Deposit
C500	Drum Up Charge
C510	Dry Ice
C520	Dryer Charge
C530	Duty Charge
C531	Duty Drawback
C540	Early Buy Allowance
C550	Early Payment Allowance

<b><u>Code</u></b>	<b><u>Name</u></b>
C560	Early Ship Allowance
C570	Emergency Port Charge
C580	Emergency Service
C590	Emergency Surcharge
C600	Empty Weighing Charge
C610	Enclosure
C630	Endorsement Fee
C640	Energy charge
C650	Energy Surcharge (Fuel Adjustment Factor)
C660	Engineering Charge
C670	Engraving
C675	Entered Value
C680	Environmental Protection Service
C690	Escalation
C700	Escort Service
C710	Eur1 Presentation Fee
C720	European Port Charges
C730	Excess Mileage Charge
C740	Excess Periods
C750	Excess Value Fee
C760	Excess Weight
C770	Excessive Value Charge
C780	Exchange Access Credit
C790	Exclusive Use Of Equipment
C800	Exclusive Use
C810	Exhibition Delivery Charge
C820	Exhibition Pickup Charge
C830	Expanded Service
C840	Expedited One Day Consular Service
C850	Expedited Service Charge
C860	Expedited Shipments
C870	Expediting Fee
C880	Expediting Premium
C890	Export Customs Clearance
C900	Export Declarations - Automated
C910	Export Declarations - U.S. Shippers
C920	Export License Application
C930	Export Shipping Charge
C940	Export/Import Charge
C950	Extra Copies and Mailings
C960	Extra Labor (Helper Service)
C970	Extra Length
C980	Extra Service - Counter-to-Counter
C990	Fabrication Charge
CA2T	Currency Adjustment - 20 Foot Container
CA4T	Currency Adjustment - 40 Foot Container
CFCT	Customs Fees - Container Level

<b><u>Code</u></b>	<b><u>Name</u></b>
CFLT	Customs Fees - Lift Level
CGTT	Cargo Taxes
CLDT	Container Loss/Damage
COMM	Communications Charges
CONC	Container Charge
CRLT	Container Lease
CUFT	Currency Adjustment - Break Bulk
D000	Facsimile Charges - Additional Pages
D010	Facsimile Charges
D015	Dunnage
	<b>Description:</b> <i>Loose materials used around a cargo to prevent damage or padding in a shipping container to protect contents against breakage</i>
D020	Failed Lamp Panel Charge
D025	Fax Pre-alert
D030	Federal Transfer Surcharge
D040	Finance Charge
D050	First Article Charge
D060	First Flight Out
D070	Flat Rate
D080	Floor Stock Protection
D100	Food and Lodging
D101	Foreign Office Advance
D103	Foreign Customs Duty
D110	Foreign Military Sales (FMS) Rental
D120	Foreign Military Sales (FMS) Special Charge
D130	Forwarding Agent Commission
D140	Forwarding Charge
D141	Forward Coupons
D142	Capture Additional Data
D143	Provide Name and Address
D144	Provide Household Identifier
D150	Franchise fee
D160	Free Domicile Shipment Processing
D170	Free Goods
D180	Freight Based on Dollar Minimum
D190	Freight Charges to Border
D200	Freight Charges to Destination
D210	Freight Equalization
D220	Freight Passthrough
D230	Freight Surcharge
D240	Freight
D242	Freight, International
D244	Freight, International, U.S. Dollars
D246	Freight, International, Non-U.S. Dollars
D250	Freshness/Leaker Allowance
D260	Fuel Charge
D270	Fuel Surcharge

<b><u>Code</u></b>	<b><u>Name</u></b>
D280	Full Service
D290	Full Truckload Allowance
D292	Fumigation
D300	Garment District
D301	Gateway Fee
D310	Gas Pressure
D320	Glaze
D330	Gold Factor
D340	Goods and Services Charge
D350	Goods and Services Credit Allowance
	<b>Note 1:</b> <i>Used for GST and HST Credit Allowance</i>
D360	Goods and Services Tax Charge
	<b>Note 1:</b> <i>Used for GST and HST Tax Charge</i>
D370	Government Inspection
D380	Government Warehouse Fee - Destination
D390	Government Warehouse Fee - Origin
D400	Grain Doors
D410	Grain Flow Charge
D420	Grinding
D430	Gross Receipts Surcharge
D440	Groupage Discount
D450	Grouped Items
	<b>Description:</b> <i>Indicates the pricing for this line is related to the pricing of some other item either in this transaction or some prior transaction(s)</i>
D460	Guaranteed Inspection Technical Service
D470	Gulf Port Delivery Charge
D480	Handling Charges on Distribution Freight Forwarded Beyond
D490	Handling Freight At Positions Not Immediately Adjacent To Vehicle Charge
D500	Handling
D501	Harbor Maintenance Report
D502	Harbor Maintenance Fee
D510	Hauling and Hoisting to be Direct Billed
D520	Hauling and Hoisting
D530	Hazardous Cargo Charge
D540	Hazardous Materials Handling Fee - Domestic
D550	Hazardous Materials Handling Fee - International
D560	Hazardous Storage
D570	Heat in Transit Charges
D580	Heat Treat Charge
D590	Heavy Duty Flat Car Charge
D600	Heavy Lift
D610	High Security Red In-bond Seal Charge
D620	Highway Interchange
D630	Hointins and Hauling
D640	Holding Charge

<b><u>Code</u></b>	<b><u>Name</u></b>
D650	Home Line Freight Charge
D655	Honey Fee
D660	Hook-up charge
D670	Hose Charge Special
D680	Hose Charge
D690	Household Goods Pickup or Delivery
D700	IATA Airbill Preparation
D701	International Air Transport Association (IATA) Commission
D710	IATA Fee
D711	International Air Transport Association (IATA) Markup
D720	Identification
D730	Import Service Fee
D740	In Transit Price Protection
D750	Inbound Freight Charges
D760	Income Freight (Manufacturing to Shipping Point)
D770	Incorrect Billing Account Charge
D780	Industry Price Allowance
D790	Initial License Fee
D800	Inland Transportation
D810	Inside Cable Connectors
D820	Inside Delivery
D830	Inside Pickup
D840	Inspect at Destination
D850	Inspect at Origin
D870	Inspection
D880	Installation & Warranty
D890	Installation and Training
D900	Installation
D910	Insulated Tank Charge
D920	Insurance Fee
D930	Insurance Placement Cost Charge
D940	Insurance Premium
D950	Insurance Provided by Lessee
D960	Insurance Provided by Lessor
D970	Insurance Surcharge
D980	Insurance
D990	Interdivision Profit
D995	Interest Amount
DCET	Damage to Carrier Equipment
DCVT	Damage to Carrier Vessel
DDZT	Drayage at Port of Debarkation (Rate Zone)
DEZT	Drayage at Port of Embarkation (Rate Zone)
DFDT	Keep From Freezing Percent Differential
DGET	Damage to Government Equipment
DOVT	Container Diversion
DPDT	Drayage at Port of Debarkation
DPET	Drayage at Port of Embarkation

<b><u>Code</u></b>	<b><u>Name</u></b>
E000	Interest on refund
E010	Interest on Security Deposit
E020	Interim Use Permitted at Special Rate
E022	International Courier
E030	International Door-to-Door Handling Fee
E040	Interplant Charge
E050	Interstate/Highway Toll
E060	Intra-plant Charge
E063	Invoice Additional Amount
E065	Invoice Adjustment
E067	Invoice At-Cost Amount
E068	Invoice Delivery Terms Amount
E069	Invoice No-Charge Amount
E070	Invoice Services
E080	Invoice with Goods
E090	Irish Arbitraries
E100	Island Delivery Charge
E110	Island Pickup Charge
E120	Italian Release Charge
E130	Item Percentage
E140	Item-Unit
E150	Koshering
E160	Label Allowance
E170	Labeling
E180	Labor (Repair and Return Orders)
E190	Labor Charges
E191	Labor, Straight-time
E192	Labor, Overtime
E193	Labor, Premium Overtime
E200	Labor Cost of Removal
E210	Labor Service
E220	Labor, Modify
E230	Labor, No Trouble Found
E240	Labor, Test and Calibrate
E250	Lading Adjustment Charge
E260	Lashing
E270	Late Order Charge
E280	Late Payment Charge
E290	Layout/Design
E300	Layover Charges
E310	Lead Factor
E320	Leaking Underground Storage Tax (LUST)
E330	Lease Shortfall Consideration
E340	Less Than Truckload (LTL) Charge
E350	Letter of Credit Processing
E360	License and Title
E370	Lifeline Surcharge

<b><u>Code</u></b>	<b><u>Name</u></b>
E380	Lift Gate (Truck) or Forklift Service at Pickup/Delivery
E381	Lime Fee
E382	Liquidation Anti-Dumping Duty
E384	Liquidation Countervailing Duty
E386	Liquidation Tax Amount
E388	Liquidation Total Due U.S. Customs and Border Protection (CBP)
E389	Liquidation Total Fees
E390	Load Weighing Charge
E400	Loading (Labor Charges)
E410	Loading
E420	Loan Fee
E430	Local Delivery/Drayage
E440	Locomotive Delayed in Switching Service
E450	Locomotive Under Own Power
E460	Lot Charge
E470	Lump Sum
E480	Machining Charge
E485	Mail Fee
E490	Mail Invoice to Each Location
E500	Mail Invoice
E510	Mailing - Postage Cost
E520	Mailing - Service Fee
E530	Manifest Charge
E540	Manufacturing
E550	Market Development Funds
E560	Marking or Tagging Charge
E565	Markdown Allowance
E570	Marriage Rule
E580	Memo Returnable Container
E585	Merchandise Processing Fee
E590	Message Charge
E600	Message Rate Adjustment
E610	Messenger Service
E620	Metals Surcharge
E630	Meter Charge
E640	Mileage Fee (For Repair and Return)
E650	Mileage or Travel
E660	Monthly Rental
E670	Mount/Demount
E680	Mounting
E690	Municipal Surcharge
E695	Mushroom Fee
E700	N.H.D. Wharfage
E710	New Discount
E720	New Distribution Allowance
E730	New Item Allowance
E740	New Store Allowance



<b><u>Code</u></b>	<b><u>Name</u></b>
E750	New Store Discount
E760	New Warehouse Discount
E770	New Warehouse
E780	New York Delivery Charge
E790	New York Pickup Charge
E800	No Return Credit Allowance
E805	Non-Dutiable Charges
E810	Non Generated Freight
E820	Non-returnable Containers
E830	Normal Pump Charge
E840	Notarized Affidavit
E850	Notify Consignee Before Delivery
E860	Notify Consignee
E870	Nozzle Charge
E880	Ocean Charges - Hazardous
E890	Ocean Freight
E900	Offshore - Alaska/Hawaii
E910	On Carriage
E920	On Hand Service
E930	One - Day Service
E940	One Time Engineering Charge
E950	One-Time License Fee
E960	One-Time-Only Charge
E970	Onetime Tooling
E980	Operator Credit
E990	Option Charge (Color Fabric Office Furniture)
ENGA	Engineering Supplies
EXLT	Extra Length Surcharge
F000	Optional Charge
F010	Optional Software Support for Operational Support Systems
F020	Optional Software Support for Switching Systems
F030	Order Notify Charge
F040	Order-Flat
F050	Other (See related description)
F060	Other Accessorial Service Charge
F061	Other Advances
F062	Other Export Charges
F063	Other Government Agency Declaration
F065	Other Government Agency Exam
F067	Other Import Charge
F070	Out of Route Miles
F080	Out of Zone Pickup or Delivery
F090	Outside Cable Connectors
F100	Over Dimension
F110	Overrun Charge
F120	Oversized Premium
F130	Overtime Loading

<b><u>Code</u></b>	<b><u>Name</u></b>
F140	Pack Invoice with Shipment
F150	Packaging Service
F155	Packaging
F160	Painting (Primer or Finish)
F170	Pallet Exchange Charge
F180	Pallet
F190	Palletizing
F200	Paralleling
F210	Parish/County Sales Tax (only)
F220	Passing Shippers Export Entry
F225	Pecan Fee
F230	Penalty Charge
F240	Per Item Charge
F250	Per Order Charge
F260	Per Pound Charge
F270	Percent of Product
F271	Percent of Shipped Quantity that is Returnable
F272	Percent of Shipment Value that is Returnable
F280	Performance Allowance
F290	Performance Award
F300	Permit Charge
F310	Permits Bonds Escort Attendant
F320	Phosphatizing (Steel Treatment)
F330	Pickup and Delivery
F340	Pick/Up
F350	Pickle and Oil
F360	Pickup - Out of Area
F370	Pickup Surcharge
F380	Pier Charges - Wharfage
F390	Pier Charges Other Than Wharfage
F400	Pier Pickup and/or Delivery
F401	Pier Unloading
F410	Pilot Inspection
F420	Placement and/or Removal Charge
F430	Plating
F440	Pole, Wood-service Charge
F445	Pork Fee
F450	Positioning at Origin
F460	Postage
F465	Potato Fee
F470	Power Factor Adjustment
F480	Pre-carriage Excess
F490	Pre-carriage
F500	Pre-Positioned Inventory Service
F510	Precious Metal Content
F520	Preloading Charge
F530	Preload Charge

<b><u>Code</u></b>	<b><u>Name</u></b>
F540	Premise Use
F550	Premium Charge
F560	Premium Transportation
F570	Prepaid Usage Allowance
F580	Preparation and Delivery
F590	Preparation of Air Waybill - Origin
F600	Preparation of Canadian Customs Invoice
F610	Preparation of Commercial Invoice
F620	Preparation of Export Entry
F630	Preparation of Insurance Certificate
F640	Preparation of U.S. Export Documentation
F650	Preparation
F660	Previous Billing
F670	Price and Marketing Allowance
F680	Price Deviation
F690	Prior Balance
F700	Prior Billing Amount
F710	Prior Delivery Of Bill Charge
F720	Prior Month Credit
F730	Priority Service
F740	Process in Transit Privilege
F750	Processing Charge
F760	Processing
F765	Procurement Charge
F770	Professional Fees
F780	Proforma Invoice
F790	Progress Payment Requirement
F800	Promotional Allowance
F810	Promotional Discount
F820	Proof & Composition
F830	Proof of Delivery
F840	Protective Service - Cold
F850	Protective Service - Heat
F860	Protective Service Charge
F870	Pulling Eyes
F880	Pump Air Charge
F890	Pump Charge
F900	Purchase Option
F910	Quantity Discount
F920	Quantity Surcharge
F930	Equipment Manufacturer Restoration Audit
F940	Ramping
F950	Rate Code
F955	Rate Reduction Bond
F960	Re-Bill Charge
F970	Rebate
F980	Rebilled Drayage - Destination

<b><u>Code</u></b>	<b><u>Name</u></b>
F990	Rebilled Drayage - Origin
F991	Receiving
FAKT	Barge Freight All Kinds Service
FLST	Flatrack Surcharge
G000	Recipient Address Correction
G010	Reclamation, Federal
G020	Reclamation, State
G025	Reconciliation
G030	Reconnect charge
G040	Reconsign Consignee Charge
G050	Reconsign Delivery Charge
G060	Reconsignment Charge
G070	Recoopering (at Owner's or Shipper's Expense)
G080	Record/Filing
G090	Recovery Fee
G100	Recovery
G110	Recrating/Recoopering - Destination
G120	Recrating/Recoopering - Origin
G130	Recurring Hardware Maintenance Charge
G140	Recurring License Fee
G150	Recurring Software Maintenance Charge
G160	Redelivery
G170	Redistribution Allowance
G180	Reduction Prepalletized Cargo
G190	Reel Cable
G200	Reel Deposit
G210	Reel
G220	Refrigeration
G230	Refrigeration/Mechanical Detention
G240	Refund
G250	Refurbishing Charge
G260	Regain
G270	Registration of Export for Reentry
G280	Registration of Export Shipments
G290	Regulatory Fee
G300	Regulatory required refund
G310	Reliability Charge
G320	Relinquishment Charge
G322	Reliquidation Anti-Dumping Duty
G324	Reliquidation Countervailing Duty
G326	Reliquidation Tax Amount
G328	Reliquidation Total Due U.S. Customs and Border Protection (CBP)
G329	Reliquidation Total Fees
G330	Rental Charge
G340	Rental Deduction
G350	Rents and Leases
G360	Repack Charge

<b><u>Code</u></b>	<b><u>Name</u></b>
G370	Repair at Buyers Expense Charge
G380	Repair at Customer Expense Charge
G390	Repair at Government Expense Charge
G400	Repair
G410	Repickup
G420	Request Via Canada
G430	Research & Development Fee
G440	Resellers Discount
G450	Residential Delivery
G460	Residential Pickup
G470	Restocking Charge
G480	Restricted Article Fee
G490	Retainer
G500	Return Cargo Charge
G510	Returnable Container
G520	Returned Load
G530	Rework
G540	Riding Attendant Charge
G550	Rocky Mountain Bureau 583 Item 1100 Arbitrary Charge
G560	Roll Out Adjustment
G570	Roll Rebate
G580	Royalties
G590	Salvage
G600	Same - Day Service
G610	Saturday Delivery
G620	Saturday Pickup or Delivery Charge
G630	Saturday Pickup
G640	Scale Charge Unloading
G650	Scale Charge
G660	Scrap Allowance
G670	Security Signature Service
G680	Segregating (Sorting)
G690	Select Charge
G700	Self Unloader
G710	Seller Hand Carry
G720	Service Assistance Program Surcharge
G730	Service Charge (with Cash Discount)
G740	Service Charge
G750	Service Upgrade
G760	Set-up
G770	Shearing
G775	Sheep Fee
G780	Ship to Stock Quality Audit
G790	Shipper Load and Count
G800	Shipper Load Carrier Count
G810	Shipper Load Consignee Unload
G820	Shipper Load

<b><u>Code</u></b>	<b><u>Name</u></b>
G821	Shipping
G830	Shipping and Handling
G840	Shipside Pickup
G850	Shotblasting
G860	Shrink Allowance
G870	Shrink-Wrap Charge
G880	Shrinkage Allowance
G890	Single Invoice Allowance
G900	Single Pickup
G910	Single Shipment Fee
G920	Sleeving
G930	Slip Sheet Unloading Allowance
G940	Slip Sheet, Rail
G950	Slip Sheet, Truck
G960	Slotting Allowance
G970	Small Order Charge
G980	Software Support Service
G990	Source Inspection
GMST	Garment Surcharge
H000	Special Allowance
H010	Special Buy
H020	Special Circus Trains
H030	Special Credit
H040	Special Delivery
H050	Special Detention Charge
H060	Special Equipment Charge
H070	Special Finish Charge
H080	Special Freight Supplements
H090	Special Handling
H100	Special Mileage Movements
H110	Special Packaging
H120	Special Permits
H130	Special Pickup
H140	Special Pump Charge
H150	Special Seal Charge
H151	Special Services
H160	Special Test Equipment Charge
H170	Special Tooling Charge
H180	Special Tooling rework charge
H190	Special Train Movement
H200	Special Use
H210	Special Vehicle Rent
H215	Specific Duty
H220	Specification Review
H230	Split Delivery
H240	Split Pickup at Pier Charge
H250	Split Pickup

<b><u>Code</u></b>	<b><u>Name</u></b>
H260	Spool Charge
H270	Spotting of Trailer
H280	Spreader Charge
H290	Stamp Fee
H300	Stamping
H310	Standby Charge
H320	State Motor Fuel
H330	State Sales Charge
H340	State Surcharge
H350	State/Metropolitan Transit Authority Surcharge
H360	Steaming Charge
H370	Stenciling Charge
H380	Stop-off at Pier Charge
H390	Stop-off Charge
H400	Stopcharge
H410	Stopping in Transit
H420	Storage in Transit
H430	Storage
H440	Straightening Charge
H450	Strapping
H460	Street lamps charge
H470	Stripping, Sorting, and Consolidation
H480	Subject to Cooperative Advertising Allowance
H490	Subject To Tax On Resale
<b>Note 1:</b>	
<i>Used for Provincial Tobacco Tax</i>	
H500	Sufferance Warehouse Charge (Export or Import)
H505	Sugar Fee
H507	Sum of Adds and Deducts to Make Market Value
H510	Sunday or Holiday Pickup or Delivery
H520	Super Bag Charge
H530	Supervisor Charge
H535	Supplemental Duty
H540	Supplemental Items
H550	Surcharge
H551	Surety Bond
H560	Swell
H570	Switch Charge
H580	Switching Charge
H590	Tank Car Allowance
H600	Tank Rental
H605	Tarping
H610	Tax - Airport Tax, Destination
H620	Tax - Airport Tax, Origin
H625	Tax - Beverage Tax
H630	Tax - City Sales Tax (Only)
H640	Tax - Excise Tax - Destination

<b>Code</b>	<b>Name</b>
H650	Tax - Excise Tax - Origin
H660	Tax - Federal Excise Tax, FET
H670	Tax - Federal Excise Tax, FET, on Tires
H680	Tax - Governmental
H690	Tax - Handling Charge Tax
H700	Tax - Local Tax
H710	Tax - Metropolitan Transit Tax
H720	Tax - Regulatory Tax
H730	Tax - Local Sales Tax
	<b>Description:</b> <i>All applicable sales taxes by taxing authorities below the State level</i>
H740	Tax - Sales and Use
H750	Tax - Sales Tax (State and Local)
H760	Tax - State Hazardous Substance
H770	Tax - State Tax
	<b>Note 1:</b> <i>Used for Provincial Sales Tax</i>
H780	Tax - Super Fund Excise Tax
H790	Tax - Use Tax
H800	Tax - Value Added Tax (VAT)
H806	Tax Credit
	<b>Note 1:</b> <i>Used for Provincial Tax Credit</i>
H810	Tax Liability - Amortized
H820	Tax Liability - One Time
H830	Tax on Miscellaneous Charges
H840	Tax on Transportation
H850	Tax
H855	Tea Fee
H860	Technology Exchange
H870	Telegram Chargeback
H880	Telephone - Destination
H890	Telephone - Origin
H900	Telephone Charge
H910	Temperature Protection
H920	Temporary Allowance
H930	Temporary Voluntary Allowance
H935	Tendered as Truckload
H940	Terminal Charge
H950	Terminal Differential
H960	Terminal Service Fee
H970	Terms Allowance
H980	Test/Qualification Charge
H990	Testing Services Charge
HZDT	Hazardous Cargo on Deck
I000	Testing
I010	Third Party Allowance



<b><u>Code</u></b>	<b><u>Name</u></b>
I020	Third Party Pallets
I030	Throughput Allowance
I040	Throughput Container Charge
I050	Thruway Charge
I060	Ticketing Service
I070	Tobacco Products Report Charge
I080	TOFC Service Charge
I090	Tool Charge
I100	Tooling Rework Charge
I110	Tooling
I120	Tools for Printing
I130	Total Assessorial Charges
I131	Total Fees
I132	Total Invoice Amount
I133	Total Due U.S. Customs and Border Protection (CBP)
I134	Total Invoice Amount, U.S. Dollars
I136	Total Invoice Amount, Non-U.S. Dollars
I138	Total Material Invoice Amount
I140	Tracing Inbound Via Other Carriers
I150	Tracing Service Fee
I160	Track Storage
I170	Trade Discount
I180	Trade In
I190	Trailer Rental Charge
I200	Transfer Charge
I210	Transfer of Lading Charge
I220	Transferred Charges
I230	Transit
I235	Transmission Charge
I240	Transportation And Setup
I250	Transportation Charge (Minimum Rate)
I260	Transportation Direct Billing
I270	Transportation Third Party Billing
I280	Transportation Vendor Provided
I290	Trimming Charge
I300	Truck Detention
I310	Truckload Discount
I320	Turning Charge
I330	Two - Day Service
I340	Two Door Pickup
I350	U.S. Vehicles
I360	Unabsorbed Switching
I370	Unitized
I380	Unloading (Labor Charges)
I390	Unloading
I400	Unloading/Reloading Charge
I410	Unsaleable Merchandise Allowance

<b><u>Code</u></b>	<b><u>Name</u></b>
I411	Unscheduled Fee
I420	Up Charge
I430	Usage Plan Detail Charge
I431	U.S. Customs and Border Protection (CBP) Flat Assist Amount
I432	U.S. Customs and Border Protection (CBP) Maximum Assist Amount
I440	USDA Inspected, Stamping Certification
I450	Use - Special Type Flat Car
I460	Use Charge Tooling/Personnel
I470	Valuation Fee
I480	Vehicle Ordered but Not Used
I490	Vehicle Prep Charge (Courtesy Delivery)
I495	Vehicle Road Charge
I500	Vendor Freight
I510	Venting Instructions
I520	Virgin Island Transfer Charge
I530	Volume Discount
I540	Voluntary Contribution Charge
I550	Waiting Time
I560	War Risk Surcharge
I570	Warehouse
I580	Warehousing
I590	Warranties
I595	Watermelon Fee
I600	Waybill and Invoice Distribution
I610	Weather Protection
I620	Weight Verification Charge
I630	Wharfage & Handling
I640	Wharfage Charge
I650	Wide Area Telephone Service (WATS) Usage Credit
I660	Will Call Charge
I670	Written Proof of Delivery
I680	X-ray Charge
I690	Gratuity
I700	Escrow
I710	Payment
I720	Direct Product Handling (DPC)
I730	Price Adjustment Percent (PCT)
I740	Post Damaged Handling (PDC)
I750	Reclamation Center Handling (Chute)
I760	Reclamation Shared Responsibility (SRS)
I770	Mid-Tier Lottery Winners
I780	Mid-Tier Lottery Cashing Bonus
I790	Lottery Cross Redeemed
I800	Low-Tier Lottery Winners
I810	Low-Tier Lottery Cashing Bonus
I820	Lottery Charge Back
I830	Tote

<b><u>Code</u></b>	<b><u>Name</u></b>
I840	Extra Hour Charges
I850	Refused Delivery Charge
I860	Reimbursement for Online Cashing Bonus
I870	Reimbursement for Online Winners
I880	Online Sales Bonus
I890	Instant Sales Bonus
IDCT	Improper Documentation
LC2T	Land Currency Adjustment Factor - 20 Foot Container
LC4T	Land Currency Adjustment Factor - 40 Foot Container
LCLT	Percent Differential - Less Than Container
LECT	Less Than Container
LFDT	Linehaul from Port of Debarkation
LMDT	Liner Terms at Port of Embarkation
LNDT	Liner Terms at Port of Debarkation
LPDT	Linehaul Percent Differential
LQDT	Liquidated Damages
LTET	Linehaul to Port of Embarkation
MATT	Modified Atmosphere
OCNT	Over Height Container
OFFA	Office Supplies
OODT	On Deck Break Bulk Differential
OTHR	Other Miscellaneous Earning or Additive
OWCT	Over Width Container
PFCH	Prepared Food Charge
PRST	Stuffing Charge
PTAX	Payroll Taxes
PVPT	Private Owned Vehicle Processing
R020	Personal Property, Member
R030	Personal Property, Spouse
R040	Port Handling and Unloading
R060	Packing, Crating, and Handling Charge
R080	Packing, Crating, Handling, and Transportation Charge
RDHT	Railhead Handling
RFMT	Reefer Maintenance
RPDT	Reefer Cargo Percent Differential
RSTT	Respotting
SFBT	Single Factor Origination/Destination
SFDT	Single Factor Origination/Port of Debarkation
SFET	Single Factor Port of Embarkation/Destination
SSCT	Stripping, Sorting and Consolidation
SSUT	Pole Lashing Equipment (PLE) Surcharge
STDT	Stop-off at Destination
STFT	Stuffing
STOT	Stop-off at Origination
TERT	Terminal Handling Charges
VCLT	Van Cleaning
WBBT	Wharfage - Breakbulk

<u>Code</u>	<u>Name</u>
WCFT	Wharfage - Container
WFTT	Wasted/Futile Trip
WRBT	War Risk Crew Insurance
WRIT	War Risk Insurance
X001	Auto Towing
X002	Late Return
X003	One Way/Drop Off
X004	Passenger Facility Charge
X005	Lodging
X006	Business Center
X007	Gift Shop
X008	Health Club
X009	Laundry/Dry Cleaning
X010	In-room Movie
X011	In-room Mini-bar
X012	Meals
X013	Parking
X014	Prepaid Amount
X015	Liquor Charge
ZZZZ	Mutually Defined

SAC03 559 **Agency Qualifier Code** X ID 2/2 Used

**Description:** Code identifying the agency assigning the code values

**CodeList Summary** (Total Codes: 196, 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

**Description:** Agency maintained code identifying the service, promotion, allowance, or charge

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

*See Section III for code list.*

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

**CodeList Summary** (Total Codes: 16, Included: 7)

**Code Name**

1 Item List Cost  
 2 Item Net Cost  
 3 Discount/Gross

**Note 1:**

*All allowances are off the gross price including cash discount.*

4 Discount/Net

**Note 1:**

*All allowances are off the gross price. Cash discounts are off the net.*

5 Base Price per Unit

**Note 1:**

*Line item discount*

6 Base Price Amount

7 Base Price Amount Less Previous Discount

**Note 1:**

*Declining balance method*

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

**CodeList Summary** (Total Codes: 914, Included: 16)**Code Name**

BA Bale  
 BG Bag  
 BO Bottle  
 BX Box  
 CA Case  
 CN Can  
 CT Carton  
 DS Display  
 DZ Dozen  
 EA Each  
 KG Kilogram  
 LB Pound  
 M4 Monetary Value

**Note 1:**

*This code identifies when there is a dollar value in SAC10. It implies that the value is Canadian dollars, unless the Header CUR segment specifies differently.*

**Code Name**

PK Package  
 PL Pallet/Unit Load  
 RL Roll

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

**CodeList 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 1/80 Used

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

### 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: 6

**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

**CodeList Summary** (Total Codes: 77, Included: 8)

**Code Name**

- 02 End of Month (EOM)
- 04 Deferred or Installment
- 05 Discount Not Applicable
- 08 Basic Discount Offered
- 09 Proximo
- 12 10 Days After End of Month (10 EOM)
- 14 Previously agreed upon
- 21 Fast Pay

**Description:** Code indicating that an invoice is subject to accelerated payment

**Note 1:**

*Purchase order is subject to anticipation.*

ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
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**Description:** Code identifying the beginning of the terms period

**CodeList Summary** (Total Codes: 17, Included: 7)

**Code Name**

- 1 Ship Date
- 2 Delivery Date
- 3 Invoice Date
- 4 Specified Date
- 7 Effective Date



	<u>Code</u>	<u>Name</u>				
		<b>Note 1:</b>				
		<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	<b>Terms Discount Percent</b>	O	R	1/6	Used
		<b>Description:</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date				
		<b>Note 1:</b> <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	<b>Terms Discount Days Due</b>	X	N0	1/3	Used
		<b>Description:</b> Number of days in the terms discount period by which payment is due if terms discount is earned				
		<b>Note 1:</b> <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	<b>Terms Net Days</b>	O	N0	1/3	Used
		<b>Description:</b> Number of days until total invoice amount is due (discount not applicable)				
		<b>Note 1:</b> <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	<b>Terms Discount Amount</b>	O	N2	1/10	Used
		<b>Description:</b> Total amount of terms discount				

**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	<b>Date/Time Qualifier</b>	M	ID	3/3	Must use

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

**CodeList Summary** (Total Codes: 1317, Included: 2)

### Code Name

002	Delivery Requested
118	Requested Pickup

DTM02	373	<b>Date</b>	X	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

DTM03	337	<b>Time</b>	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:

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

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

**CodeList Summary** (Total Codes: 24, 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 specifying the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 257, Included: 7)

### Code Name

1	D-U-N-S Number, Dun & Bradstreet
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#### Note 1:

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

2	Standard Carrier Alpha Code (SCAC)
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#### Note 1:

*See External Code Source 17 in Section III for reference document.*

9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
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**Code Name****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 used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key

**Note 1:**

Refer to Code Source 583 in Section III for reference document.

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

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

**CodeList Summary** (Total Codes: 81, Included: 2)

**Code Name**

H Customer Pickup

M Motor (Common Carrier)

TD505	387	<b>Routing</b>	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

**Note 1:** The example below shows the switching of carriers. "ABC" will now haul the product instead of the "XYZ" company. When the buyer creates the purchase order, he does not care who the carrier is; this is the responsibility of the traffic department. It should not be up to the buyer or traffic clerk to pick up a phone, call the supplier, and tell them the new routing. The purchase order should handle that.

**Note 2:** Other examples where other carriers have been switched, based on weight. For example, if the buyers were to order product where the total purchase order weight is less than 250 lbs, the routing on the purchase order would say to ship via courier. If the purchase order weight were over 250 lbs, the routing would say to ship via carrier, "QRS". It was mentioned that sending a master document to each supplier that would outline who is to haul the product. This seems like a labour intensive process considering the number of suppliers (100's).

**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

**CodeList Summary** (Total Codes: 150, Included: 4)

**Code Name**

CV	Closed Van
FT	Flat Bed Trailer
RT	Controlled Temperature Trailer (Reefer)
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 identifying the Reference Identification

**CodeList Summary** (Total Codes: 1873, 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 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	1/80	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 N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

## Semantics:

1. N906 reflects the time zone which the time reflects.
2. 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	<b>Note Reference Code</b>	O	ID	3/3	Used

**Description:** Code identifying the functional area or purpose for which the note applies**CodeList Summary** (Total Codes: 370, Included: 4)**Code Name**

DEL	Delivery
ORI	Order Instructions
OTH	Other Instructions
WHI	Warehouse Instruction

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

MTX03	1551	<b>Textual Data</b>	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: >1
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

<b>Pos: 3100</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**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:

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

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

**CodeList Summary** (Total Codes: 1536, Included: 15)

**Code Name**

AG Agent/Agency

**Note 1:**

*Buyer's agent*

BO Broker or Sales Office

**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.*

BS Bill and Ship To

BT Bill-to-Party

CT Country of Origin

FR Message From

**Code Name**

MF Manufacturer of Goods

**Note 1:**

*Manufacturer of goods being supplied when supplier is not the manufacturer*

RI Remit To  
 SE Selling Party  
 SF Ship From  
 ST Ship To  
 TO Message To  
 Z7 Mark-for Party

**Note 1:**

*This is the ultimate destination for the order when the location is not the ship to and the mark for party is specified on the shipping label.*

DPR Port of Discharge  
 LPR Port of Loading

**Description:** Port where cargo is loaded

**Note 1:**

*Port where cargo is loaded*

N102	93	<b>Name</b>	X	AN	1/60	Used
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**Description:** Free-form name

N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
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**Description:** Code specifying the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 257, Included: 7)

**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 used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key

**Note 1:**

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

UM GS1 Global Location Number with Extension Component

**Description:** A globally unique 13-digit code with a one to twenty character extension component used, for the identification of a legal or physical location

N104	67	<b>Identification Code</b>	X	AN	2/80	Used
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**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	<b>Name</b>	M	AN	1/60	Must use
		<b>Description:</b> Free-form name				
N202	93	<b>Name</b>	O	AN	1/60	Used
		<b>Description:</b> 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	<b>Address Information</b>	M	AN	1/55	Must use
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 5

**User Option (Usage):** Used

**Purpose:** To specify the geographic place 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>
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the Standard State/Province as defined by appropriate government agency				
		<b>Note 1:</b> See External Code Source 22 in Section III for reference document.				
N403	116	<b>Postal Code</b>	X	ID	3/15	Used
		<b>Description:</b> Code specifying international postal zone code excluding punctuation and blanks (zip code for United States)				
		<b>Note 1:</b> See External Code Source 51 in Section III for reference document.				
N404	26	<b>Country Code</b>	X	ID	2/3	Used
		<b>Description:</b> Code identifying the country				
		<b>Note 1:</b> See External Code Source 5 in Section III for reference document.				
		<b>CodeList Summary</b> (Total Codes: 3, Included: 3)				
		<b><u>Code</u></b>	<b><u>Name</u></b>			
		CA	Canada			
		MX	Mexico			
		US	United States			
N408	1702	<b>Postal Code-Formatted</b>	X	AN	3/20	Used
		<b>Description:</b> A postal code value including punctuation, blanks and other characters as defined by the postal authority				

## Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. E0308 - Only one of N403 or N408 may be present.
3. C0605 - If N406 is present, then N405 is required.
4. 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. N403 contains the postal code in an unstructured format. N408 contains the postal code in a structured format. When a postal code data field is used, the parties shall agree as to which data element (N403 or N408) shall be used in the transaction set.



# 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	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
<b>Description:</b> Code identifying the Reference Identification						
<b>CodeList Summary</b> (Total Codes: 1873, Included: 1)						
<u>Code</u> <u>Name</u>						
DK Dock Number						
REF02	127	<b>Reference Identification</b>	X	AN	1/80	Must use
<b>Description:</b> 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: >1  
 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		>1	Used
1900	SDQ	Destination Quantity	O	>1		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:**

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

**CodeList Summary** (Total Codes: 914, 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.

**Note 2:** Canadian Note: Used by the Canadian Rx (Pharmaceutical Industry ONLY); all others specify price using the CTP segment instead.

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)

**CodeList Summary** (Total Codes: 550, Included: 7)

**Code Name**

CA Case

EN GTIN-13

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

IN Buyer's Item Number

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VN Vendor's (Seller's) Item Number

PO107 234 **Product/Service ID** X AN 1/80 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)

**Note 1:** See PO106 for code list

**CodeList Summary** (Total Codes: 550, Included: 7)

**Code Name**

CA Case

EN GTIN-13

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

IN Buyer's Item Number

**Code Name**

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VN Vendor's (Seller's) Item Number

PO109 234 **Product/Service ID** X AN 1/80 Used**Description:** Identifying number for a product or servicePO110 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)**Note 1:** See PO106 for code list**CodeList Summary** (Total Codes: 550, Included: 7)**Code Name**

CA Case

EN GTIN-13

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

IN Buyer's Item Number

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VN Vendor's (Seller's) Item Number

PO111 234 **Product/Service ID** X AN 1/80 Used**Description:** Identifying number for a product or servicePO112 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)**Note 1:** See PO106 for code list**CodeList Summary** (Total Codes: 550, Included: 7)**Code Name**

CA Case

EN GTIN-13

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

**Code Name**

**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

IN Buyer's Item Number

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VN Vendor's (Seller's) Item Number

PO113	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

PO114	235	<b>Product/Service ID Qualifier</b>	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)

**Note 1:** See PO106 for code list

**CodeList Summary** (Total Codes: 550, Included: 7)

**Code Name**

CA Case

EN GTIN-13

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

IN Buyer's Item Number

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VN Vendor's (Seller's) Item Number

PO115	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

PO116	235	<b>Product/Service ID Qualifier</b>	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)

**Note 1:** See PO106 for code list

**CodeList Summary** (Total Codes: 550, Included: 7)

**Code Name**

CA Case

EN GTIN-13

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company

**Code Name***Prefix, Item Reference and Check Digit used to identify trade items*

EO GTIN-8

**Description:** *An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items*

IN Buyer's Item Number

UK GTIN-14

**Description:** *A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

UP GTIN-12

**Description:** *A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items*

VN Vendor's (Seller's) Item Number

PO117	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**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., 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: 5

**User Option (Usage):** Used

**Purpose:** To specify pricing information

## Element Summary:

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

**Description:** Code indicating class of trade

**CodeList Summary** (Total Codes: 63, 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

**Note 1:** Net price includes allowances only, or list price before any allowance or charge. This is a trading partner established agreement.

**CodeList Summary** (Total Codes: 171, Included: 3)

**Code Name**

- RTL Retail
- UCP Unit cost price

**Note 1:**

Item list cost

**Note 2:**

Unit price in the CTP02 is dependent on how the product is ordered (i.e. if the produce 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
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**Description:** Numeric value of quantity

CTP05	C001	Composite Unit of Measure	X	Comp		Used
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**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.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		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	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 914, Included: 15)				
		<b>Code</b>	<b>Name</b>			
		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			

### 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:

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

**Description:** Code indicating the format of a description

**CodeList Summary** (Total Codes: 4, Included: 3)

### Code Name

F Free-form

#### **Note 1:**

*The description will be found in PID05.*

S Structured (From Industry Code List)

#### **Note 1:**

*The description will be found in PID04.*

X Semi-structured (Code and Text)

#### **Note 1:**

*The description will be found in PID04 and 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

**CodeList Summary** (Total Codes: 275, 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. R040510 - At least one of PID04, PID05 or PID10 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.
4. If PID01 = "A", then PID10 is used. PID05 may also be used to further clarify the condition of the product.

# 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO401	356	<b>Pack</b>	O	N0	1/6	Used
		<b>Description:</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container				
PO402	357	<b>Size</b>	X	R	1/8	Used
		<b>Description:</b> Size of supplier units in pack				
PO403	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 914, Included: 16)				
		<b>Code</b>	<b>Name</b>			
		2W	Bin			
		<b>Description:</b> 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			
PO414	810	<b>Inner Pack</b>	O	N0	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>
		<b>Description:</b>				

### 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: >1
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: 14

**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	<b>Allowance or Charge Indicator Code</b>	M	ID	1/1	Must use

**Description:** Code indicating an allowance or charge for the service specified

**CodeList Summary** (Total Codes: 7, Included: 4)

**Code Name**

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

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

**Note 1:** Preferred Canadian tax codes are  
*D350 Goods and Services Credit Allowance; used for GST and HST Credit Allowance.*  
*D360 Goods and Services Tax Charge; used for GST and HST Tax Charge*  
*H490 Subject to tax on resale; used for Provincial Tobacco Tax*  
*H770 Tax - State Tax; used for Provincial Sales Tax*  
*H806 Tax Credit; used for Provincial Tax Credit*

**CodeList Summary** (Total Codes: 1091, Included: 1090)

**Code Name**

- A010 Absolute Minimum Charge
- A020 Access Charge - Federal
- A030 Access Charge - State
- A040 Access Charges
- A050 Account Number Correction Charge
- A060 Acid (Battery)
- A070 Acknowledgment of Delivery Fee (AOD)
- A080 Activation of Carnet

<u>Code</u>	<u>Name</u>
A090	Ad Valorem
A100	Add on - Destination
A110	Add on - Origin
A112	Add to Make Market Value
A120	Additional Copies of Freight Bill
A121	Additional Commercial Invoices
A122	Additional Tariff Classifications
A130	Additional Material
A140	Address Correction
A150	Adjustment for Maximum Charges Billing
A160	Adjustment for Minimum Average Time Requirement Billing
A170	Adjustments
A172	Administrative
A180	Advance Charges Handling
A190	Advance Destination Amount
A200	Advance Destination Fee
A210	Advance Fee
A220	Advance Lading Charge
A230	Advance Origin Amount
A240	Advance Origin Fee
A250	Advances
A260	Advertising Allowance
A270	Affidavit
A280	Agent Disbursement - Destination
A290	Agent Disbursement - Origin
A300	Air Export Certificate
A310	Air Express Charge
A320	Air Transportation Charge
A330	Aircraft On Ground (AOG)
A340	Airline Opening Fee
A350	Airport Terminal Handling Charge
A360	Alcoholic Beverage Report Charge
A370	Allegheny County, PA Delivery Charge
A380	Allowance Advance
A390	Allowance for Consignment Merchandise
A400	Allowance Non-performance
A410	"Alterations"
A420	Amending Export Documentation
A430	Anneal/Heat (Steel or Glass Treatment)
A440	Anodizing Charge
A445	Anti-dumping Duty
A450	Appointment (Notification)
A460	Arbitrary (In Addition to Through Rates and Charges)
A470	Art Work
A480	Assembly
A485	Assist Amount
A490	Attachments to Bill of Lading Charge

<b><u>Code</u></b>	<b><u>Name</u></b>
A500	Bad Debt
A510	Banking Drafts
A520	Base Charge
A530	Basic Reorder Allowance
A540	Beaming Charge
A550	Bedding/Feeding/Disinfecting
A555	Beef Fee
A560	Beyond Charge
A570	Beyond Freight Charges
A580	Bill and Hold
A590	Bill of Lading Attendancy
A600	Bill of Lading Charge
A610	Billed Demand
A620	Black Lung Tax
A630	Blocking and Bracing Charge
A640	Blower Charge
A650	Bobtail Charges
A658	Bond Amount
A660	Bond Charge
A670	Bordeaux Arbitraries
A680	Both-Flat
A690	Break Bulk Surface Charge
A691	Breakbulk Services
A700	Bridge Toll
A710	Broken Lot
A720	Broken Package Charge
A721	Brokerage
A730	Brokerage or Duty
A740	Bunker Surcharge
A750	Burning
A760	Buyer Hand Carry
A770	Buyers Car Allowance
A780	Cable Pressurization
A790	Cables (sending of)
A800	Call Tag
A810	Camp Arbitrary
A820	Canada Great Lakes Additional
A830	Canadian C.Q.Customs Clearance
A840	Canadian Currency Exchange
A850	Canadian Import Termination Fee
A860	Canadian Reconsignment Fee
A870	Canadian Remanifest Fee
A880	Cancellation Charge
A890	Cancelled Order, Heavy Duty Flatcar
A900	Capping
A910	Car Loading
A920	Car Rental

<b><u>Code</u></b>	<b><u>Name</u></b>
A930	Carrier Credit Allowance
A940	Carrier Debit Allowance
A950	Carrier Notification Charge
A960	Carrier
A970	Cartage Charge
A980	Cartage
A990	Cataloging Services
ADOW	Payroll Additives, Overtime Labor
ADRW	Payroll Additives, Straight Time Labor
AFEE	Fee
	<b>Description:</b> <i>Percentage or fixed fee an organization charges for services</i>
ALPT	Port Changes
B000	Central Buy
B010	Cents Off
B015	Bop Sheet
	<b>Description:</b> <i>A cardboard pallet</i>
B020	Certificate of Conformance
B030	Certificate of Origin
B040	Certificate of Registration
B050	Certification
B060	Chain and Binders
B070	Chamber of Commerce Service Charge
B080	Change of Airbill - Service Fee
B090	Charges Forward/Advance Charge
B091	Charter Services
B100	Chassis Transfer
B110	Chemical Milling Charge
B120	Chicago Loop Charge
B130	Cigarette Stamping
B140	City Delivery
B150	City maintenance fee
B160	City Pickup
B170	City Terminal Charge
B180	Cleaning Charge
B190	Closing & Sealing
B200	Co-manufacturing Discount
B210	Co-op Credit
B220	Coating (Dip, Rustproof, EDP)
B230	COD Amount
B240	COD Charges
B250	Collect on Delivery Alteration Charge
B260	Collect on Delivery Deletion Charge
B270	Collect Surcharge
B280	Combination Performance and Non-performance
B290	Combination
B300	Combine All Same Day Shipment
B310	Commission Amount

<b><u>Code</u></b>	<b><u>Name</u></b>
B320	Competitive Allowance
B330	Competitive Car Allowance
B340	Competitive Price
B350	Compressor Charge
B360	Concession Credit
B370	Concession Money
B380	Congestion Surcharge
B390	Connect Charge
B400	Conservation research fee
B500	Consignee Unload
B510	Consolidation
B520	Constant Surveillance Service - Armed
B530	Constant Surveillance Service
B540	Consular Legalization Service
B550	Consularization Fee
B551	Consulting Service
B555	Consumer Service Provider Charge
B560	Container Allowance
B570	Container Deposits
B580	Container Destuffing
B581	Container Discount
B590	Container Leasing
B600	Container Service Charge UK/EUR
B610	Container Service Charge USA/Canada
B620	Container Stuffing
B630	Container/Trailer Allowance
B650	Continuous Mileage
B660	Contract Allowance
B670	Contract Escalation
B680	Contract Service Charge
B690	Controlled Atmosphere
B700	Converting
B720	Cooperative Advertising/Merchandising Allowance (Performance)
B730	Copy of Bill of Lading Charge
B740	Copy of Delivery Receipt Charge
B742	Copying
B750	Core Charge
B760	Cost Recovery Factor
B770	Cost recovery/adjustment
B775	Cotton Fee
B780	Count and Recount
B785	Coupon Reimbursement
B787	Countervailing Duty
B790	Crafting
B791	Crating
B800	Credit
B801	Credit Card Processing Fee

<b><u>Code</u></b>	<b><u>Name</u></b>
B802	Credit Card Processing Fee - Automated Dial-up Line
B803	Credit Card Processing Fee - Leased Line
B804	Credit Card Processing Fee - Fleet Cards
B810	Currency Adjustment Factor
B820	Currency Adjustment
B830	Currency Discount
B840	Customer Account Identification
B850	Customer Equipment Allowance
B860	Customs Broker Fee
B870	Customs Charge
B872	Customs Duty
B880	Customs Entry
B881	Customs Exam
B890	Customs Formalities
B900	Customs Invoice - Additional Page
B910	Customs Invoice
B911	Customs Penalty
B920	Cut and Parallel
B930	Cut
B940	Cutting Charge
B950	Damaged Merchandise
B960	Data/Drawing Charge
B970	De-Installation
B980	Deadhead Mileage Charge
B990	Deaf and Disabled Surcharge
B992	Declared Value for Carriage
B994	Declared Value for Customs
B996	Declared Value for Insurance
B998	Deduct to Make Market Value
BU2T	Bunker Adjustment - 20 Foot Container
BU4T	Bunker Adjustment - 40 Foot Container
BUAT	Bunker Adjustment
BURD	Burden, Overhead, or Allowance for Indirect Costs
C000	Defective Allowance
C010	Deficit Freight
C020	Delay Furnishing Destination Weights
C030	Delivery Surcharge
C040	Delivery
C050	Demand charge
C060	Demurrage - Average Agreement
C070	Demurrage - Special
C080	Demurrage
C090	Deposit Charges
C100	Deposit in Lieu of Order
C110	Deposit
C120	Deramping
C130	Derrick Charge

<b><u>Code</u></b>	<b><u>Name</u></b>
C140	Designated Supplier Inspection
C150	Destination Charge
C160	Detention - Special Type Flat Car
C170	Detention Loading
C180	Detention of Power Units
C190	Detention of Trailers
C200	Detention Unloading
C210	Determined Freight
C220	Development Charge
C230	Die Service Charge
C231	Disbursement
C240	Disconnect Charge
C250	Discount - Drop Box/Convenience Ctr.
C260	Discount - Incentive
C270	Discount - Multiple Shipment
C280	Discount - Service Option (Delivery)
C290	Discount - Service Option (Pickup)
C300	Discount - Special
C310	Discount
C320	Display Allowance
C330	Distribution Fee
C340	Distribution Service
C350	Distributor Discount/Allowance
C360	Diversion and Reconsignment
C370	Diversion Charge
C380	Diversion to Air Charge
C390	Dockage - Boat Detention
C400	Documentation Charge
C401	Document Handling
C402	Door-to-Door
C410	Dowel Pin Charge
C420	Drayage
C430	Drayage/Line Haul
C440	Driver Assisted Unloading
C450	Driver's Wages
C460	Drop Dock
C470	Drop Yard
C480	Drum Cost
C490	Drum Deposit
C500	Drum Up Charge
C510	Dry Ice
C520	Dryer Charge
C530	Duty Charge
C531	Duty Drawback
C540	Early Buy Allowance
C550	Early Payment Allowance
C560	Early Ship Allowance

<b><u>Code</u></b>	<b><u>Name</u></b>
C570	Emergency Port Charge
C580	Emergency Service
C590	Emergency Surcharge
C600	Empty Weighing Charge
C610	Enclosure
C630	Endorsement Fee
C640	Energy charge
C650	Energy Surcharge (Fuel Adjustment Factor)
C660	Engineering Charge
C670	Engraving
C675	Entered Value
C680	Environmental Protection Service
C690	Escalation
C700	Escort Service
C710	Eur1 Presentation Fee
C720	European Port Charges
C730	Excess Mileage Charge
C740	Excess Periods
C750	Excess Value Fee
C760	Excess Weight
C770	Excessive Value Charge
C780	Exchange Access Credit
C790	Exclusive Use Of Equipment
C800	Exclusive Use
C810	Exhibition Delivery Charge
C820	Exhibition Pickup Charge
C830	Expanded Service
C840	Expedited One Day Consular Service
C850	Expedited Service Charge
C860	Expedited Shipments
C870	Expediting Fee
C880	Expediting Premium
C890	Export Customs Clearance
C900	Export Declarations - Automated
C910	Export Declarations - U.S. Shippers
C920	Export License Application
C930	Export Shipping Charge
C940	Export/Import Charge
C950	Extra Copies and Mailings
C960	Extra Labor (Helper Service)
C970	Extra Length
C980	Extra Service - Counter-to-Counter
C990	Fabrication Charge
CA2T	Currency Adjustment - 20 Foot Container
CA4T	Currency Adjustment - 40 Foot Container
CFCT	Customs Fees - Container Level
CFLT	Customs Fees - Lift Level



<u>Code</u>	<u>Name</u>
CGTT	Cargo Taxes
CLDT	Container Loss/Damage
COMM	Communications Charges
CONC	Container Charge
CRLT	Container Lease
CUFT	Currency Adjustment - Break Bulk
D000	Facsimile Charges - Additional Pages
D010	Facsimile Charges
D015	Dunnage
	<b>Description:</b> <i>Loose materials used around a cargo to prevent damage or padding in a shipping container to protect contents against breakage</i>
D020	Failed Lamp Panel Charge
D025	Fax Pre-alert
D030	Federal Transfer Surcharge
D040	Finance Charge
D050	First Article Charge
D060	First Flight Out
D070	Flat Rate
D080	Floor Stock Protection
D100	Food and Lodging
D101	Foreign Office Advance
D103	Foreign Customs Duty
D110	Foreign Military Sales (FMS) Rental
D120	Foreign Military Sales (FMS) Special Charge
D130	Forwarding Agent Commission
D140	Forwarding Charge
D141	Forward Coupons
D142	Capture Additional Data
D143	Provide Name and Address
D144	Provide Household Identifier
D150	Franchise fee
D160	Free Domicile Shipment Processing
D170	Free Goods
D180	Freight Based on Dollar Minimum
D190	Freight Charges to Border
D200	Freight Charges to Destination
D210	Freight Equalization
D220	Freight Passthrough
D230	Freight Surcharge
D240	Freight
D242	Freight, International
D244	Freight, International, U.S. Dollars
D246	Freight, International, Non-U.S. Dollars
D250	Freshness/Leaker Allowance
D260	Fuel Charge
D270	Fuel Surcharge
D280	Full Service

<b><u>Code</u></b>	<b><u>Name</u></b>
D290	Full Truckload Allowance
D292	Fumigation
D300	Garment District
D301	Gateway Fee
D310	Gas Pressure
D320	Glaze
D330	Gold Factor
D340	Goods and Services Charge
D350	Goods and Services Credit Allowance
	<b>Note 1:</b> <i>Used for GST and HST Credit Allowance</i>
D360	Goods and Services Tax Charge
	<b>Note 1:</b> <i>Used for GST and HST Tax Charge</i>
D370	Government Inspection
D380	Government Warehouse Fee - Destination
D390	Government Warehouse Fee - Origin
D400	Grain Doors
D410	Grain Flow Charge
D420	Grinding
D430	Gross Receipts Surcharge
D440	Groupage Discount
D450	Grouped Items
	<b>Description:</b> <i>Indicates the pricing for this line is related to the pricing of some other item either in this transaction or some prior transaction(s)</i>
D460	Guaranteed Inspection Technical Service
D470	Gulf Port Delivery Charge
D480	Handling Charges on Distribution Freight Forwarded Beyond
D490	Handling Freight At Positions Not Immediately Adjacent To Vehicle Charge
D500	Handling
D501	Harbor Maintenance Report
D502	Harbor Maintenance Fee
D510	Hauling and Hoisting to be Direct Billed
D520	Hauling and Hoisting
D530	Hazardous Cargo Charge
D540	Hazardous Materials Handling Fee - Domestic
D550	Hazardous Materials Handling Fee - International
D560	Hazardous Storage
D570	Heat in Transit Charges
D580	Heat Treat Charge
D590	Heavy Duty Flat Car Charge
D600	Heavy Lift
D610	High Security Red In-bond Seal Charge
D620	Highway Interchange
D630	Hointins and Hauling
D640	Holding Charge
D650	Home Line Freight Charge

<b><u>Code</u></b>	<b><u>Name</u></b>
D655	Honey Fee
D660	Hook-up charge
D670	Hose Charge Special
D680	Hose Charge
D690	Household Goods Pickup or Delivery
D700	IATA Airbill Preparation
D701	International Air Transport Association (IATA) Commission
D710	IATA Fee
D711	International Air Transport Association (IATA) Markup
D720	Identification
D730	Import Service Fee
D740	In Transit Price Protection
D750	Inbound Freight Charges
D760	Income Freight (Manufacturing to Shipping Point)
D770	Incorrect Billing Account Charge
D780	Industry Price Allowance
D790	Initial License Fee
D800	Inland Transportation
D810	Inside Cable Connectors
D820	Inside Delivery
D830	Inside Pickup
D840	Inspect at Destination
D850	Inspect at Origin
D870	Inspection
D880	Installation & Warranty
D890	Installation and Training
D900	Installation
D910	Insulated Tank Charge
D920	Insurance Fee
D930	Insurance Placement Cost Charge
D940	Insurance Premium
D950	Insurance Provided by Lessee
D960	Insurance Provided by Lessor
D970	Insurance Surcharge
D980	Insurance
D990	Interdivision Profit
D995	Interest Amount
DCET	Damage to Carrier Equipment
DCVT	Damage to Carrier Vessel
DDZT	Drayage at Port of Debarkation (Rate Zone)
DEZT	Drayage at Port of Embarkation (Rate Zone)
DFDT	Keep From Freezing Percent Differential
DGET	Damage to Government Equipment
DOVT	Container Diversion
DPDT	Drayage at Port of Debarkation
DPET	Drayage at Port of Embarkation
E000	Interest on refund

<b><u>Code</u></b>	<b><u>Name</u></b>
E010	Interest on Security Deposit
E020	Interim Use Permitted at Special Rate
E022	International Courier
E030	International Door-to-Door Handling Fee
E040	Interplant Charge
E050	Interstate/Highway Toll
E060	Intra-plant Charge
E063	Invoice Additional Amount
E065	Invoice Adjustment
E067	Invoice At-Cost Amount
E068	Invoice Delivery Terms Amount
E069	Invoice No-Charge Amount
E070	Invoice Services
E080	Invoice with Goods
E090	Irish Arbitraries
E100	Island Delivery Charge
E110	Island Pickup Charge
E120	Italian Release Charge
E130	Item Percentage
E140	Item-Unit
E150	Koshering
E160	Label Allowance
E170	Labeling
E180	Labor (Repair and Return Orders)
E190	Labor Charges
E191	Labor, Straight-time
E192	Labor, Overtime
E193	Labor, Premium Overtime
E200	Labor Cost of Removal
E210	Labor Service
E220	Labor, Modify
E230	Labor, No Trouble Found
E240	Labor, Test and Calibrate
E250	Lading Adjustment Charge
E260	Lashing
E270	Late Order Charge
E280	Late Payment Charge
E290	Layout/Design
E300	Layover Charges
E310	Lead Factor
E320	Leaking Underground Storage Tax (LUST)
E330	Lease Shortfall Consideration
E340	Less Than Truckload (LTL) Charge
E350	Letter of Credit Processing
E360	License and Title
E370	Lifeline Surcharge
E380	Lift Gate (Truck) or Forklift Service at Pickup/Delivery

<b><u>Code</u></b>	<b><u>Name</u></b>
E381	Lime Fee
E382	Liquidation Anti-Dumping Duty
E384	Liquidation Countervailing Duty
E386	Liquidation Tax Amount
E388	Liquidation Total Due U.S. Customs and Border Protection (CBP)
E389	Liquidation Total Fees
E390	Load Weighing Charge
E400	Loading (Labor Charges)
E410	Loading
E420	Loan Fee
E430	Local Delivery/Drayage
E440	Locomotive Delayed in Switching Service
E450	Locomotive Under Own Power
E460	Lot Charge
E470	Lump Sum
E480	Machining Charge
E485	Mail Fee
E490	Mail Invoice to Each Location
E500	Mail Invoice
E510	Mailing - Postage Cost
E520	Mailing - Service Fee
E530	Manifest Charge
E540	Manufacturing
E550	Market Development Funds
E560	Marking or Tagging Charge
E565	Markdown Allowance
E570	Marriage Rule
E580	Memo Returnable Container
E585	Merchandise Processing Fee
E590	Message Charge
E600	Message Rate Adjustment
E610	Messenger Service
E620	Metals Surcharge
E630	Meter Charge
E640	Mileage Fee (For Repair and Return)
E650	Mileage or Travel
E660	Monthly Rental
E670	Mount/Demount
E680	Mounting
E690	Municipal Surcharge
E695	Mushroom Fee
E700	N.H.D. Wharfage
E710	New Discount
E720	New Distribution Allowance
E730	New Item Allowance
E740	New Store Allowance
E750	New Store Discount

<b><u>Code</u></b>	<b><u>Name</u></b>
E760	New Warehouse Discount
E770	New Warehouse
E780	New York Delivery Charge
E790	New York Pickup Charge
E800	No Return Credit Allowance
E805	Non-Dutiable Charges
E810	Non Generated Freight
E820	Non-returnable Containers
E830	Normal Pump Charge
E840	Notarized Affidavit
E850	Notify Consignee Before Delivery
E860	Notify Consignee
E870	Nozzle Charge
E880	Ocean Charges - Hazardous
E890	Ocean Freight
E900	Offshore - Alaska/Hawaii
E910	On Carriage
E920	On Hand Service
E930	One - Day Service
E940	One Time Engineering Charge
E950	One-Time License Fee
E960	One-Time-Only Charge
E970	Onetime Tooling
E980	Operator Credit
E990	Option Charge (Color Fabric Office Furniture)
ENGA	Engineering Supplies
EXLT	Extra Length Surcharge
F000	Optional Charge
F010	Optional Software Support for Operational Support Systems
F020	Optional Software Support for Switching Systems
F030	Order Notify Charge
F040	Order-Flat
F050	Other (See related description)
F060	Other Accessorial Service Charge
F061	Other Advances
F062	Other Export Charges
F063	Other Government Agency Declaration
F065	Other Government Agency Exam
F067	Other Import Charge
F070	Out of Route Miles
F080	Out of Zone Pickup or Delivery
F090	Outside Cable Connectors
F100	Over Dimension
F110	Overrun Charge
F120	Oversized Premium
F130	Overtime Loading
F140	Pack Invoice with Shipment

<b><u>Code</u></b>	<b><u>Name</u></b>
F150	Packaging Service
F155	Packaging
F160	Painting (Primer or Finish)
F170	Pallet Exchange Charge
F180	Pallet
F190	Palletizing
F200	Paralleling
F210	Parish/County Sales Tax (only)
F220	Passing Shippers Export Entry
F225	Pecan Fee
F230	Penalty Charge
F240	Per Item Charge
F250	Per Order Charge
F260	Per Pound Charge
F270	Percent of Product
F271	Percent of Shipped Quantity that is Returnable
F272	Percent of Shipment Value that is Returnable
F280	Performance Allowance
F290	Performance Award
F300	Permit Charge
F310	Permits Bonds Escort Attendant
F320	Phosphatizing (Steel Treatment)
F330	Pickup and Delivery
F340	Pick/Up
F350	Pickle and Oil
F360	Pickup - Out of Area
F370	Pickup Surcharge
F380	Pier Charges - Wharfage
F390	Pier Charges Other Than Wharfage
F400	Pier Pickup and/or Delivery
F401	Pier Unloading
F410	Pilot Inspection
F420	Placement and/or Removal Charge
F430	Plating
F440	Pole, Wood-service Charge
F445	Pork Fee
F450	Positioning at Origin
F460	Postage
F465	Potato Fee
F470	Power Factor Adjustment
F480	Pre-carriage Excess
F490	Pre-carriage
F500	Pre-Positioned Inventory Service
F510	Precious Metal Content
F520	Preloading Charge
F530	Prelodge Charge
F540	Premise Use

<b><u>Code</u></b>	<b><u>Name</u></b>
F550	Premium Charge
F560	Premium Transportation
F570	Prepaid Usage Allowance
F580	Preparation and Delivery
F590	Preparation of Air Waybill - Origin
F600	Preparation of Canadian Customs Invoice
F610	Preparation of Commercial Invoice
F620	Preparation of Export Entry
F630	Preparation of Insurance Certificate
F640	Preparation of U.S. Export Documentation
F650	Preparation
F660	Previous Billing
F670	Price and Marketing Allowance
F680	Price Deviation
F690	Prior Balance
F700	Prior Billing Amount
F710	Prior Delivery Of Bill Charge
F720	Prior Month Credit
F730	Priority Service
F740	Process in Transit Privilege
F750	Processing Charge
F760	Processing
F765	Procurement Charge
F770	Professional Fees
F780	Proforma Invoice
F790	Progress Payment Requirement
F800	Promotional Allowance
F810	Promotional Discount
F820	Proof & Composition
F830	Proof of Delivery
F840	Protective Service - Cold
F850	Protective Service - Heat
F860	Protective Service Charge
F870	Pulling Eyes
F880	Pump Air Charge
F890	Pump Charge
F900	Purchase Option
F910	Quantity Discount
F920	Quantity Surcharge
F930	Equipment Manufacturer Restoration Audit
F940	Ramping
F950	Rate Code
F955	Rate Reduction Bond
F960	Re-Bill Charge
F970	Rebate
F980	Rebilled Drayage - Destination
F990	Rebilled Drayage - Origin



<b><u>Code</u></b>	<b><u>Name</u></b>
F991	Receiving
FAKT	Barge Freight All Kinds Service
FLST	Flatrack Surcharge
G000	Recipient Address Correction
G010	Reclamation, Federal
G020	Reclamation, State
G025	Reconciliation
G030	Reconnect charge
G040	Reconsign Consignee Charge
G050	Reconsign Delivery Charge
G060	Reconsignment Charge
G070	Recoopering (at Owner's or Shipper's Expense)
G080	Record/Filing
G090	Recovery Fee
G100	Recovery
G110	Recrating/Recoopering - Destination
G120	Recrating/Recoopering - Origin
G130	Recurring Hardware Maintenance Charge
G140	Recurring License Fee
G150	Recurring Software Maintenance Charge
G160	Redelivery
G170	Redistribution Allowance
G180	Reduction Prepalletized Cargo
G190	Reel Cable
G200	Reel Deposit
G210	Reel
G220	Refrigeration
G230	Refrigeration/Mechanical Detention
G240	Refund
G250	Refurbishing Charge
G260	Regain
G270	Registration of Export for Reentry
G280	Registration of Export Shipments
G290	Regulatory Fee
G300	Regulatory required refund
G310	Reliability Charge
G320	Relinquishment Charge
G322	Reliquidation Anti-Dumping Duty
G324	Reliquidation Countervailing Duty
G326	Reliquidation Tax Amount
G328	Reliquidation Total Due U.S. Customs and Border Protection (CBP)
G329	Reliquidation Total Fees
G330	Rental Charge
G340	Rental Deduction
G350	Rents and Leases
G360	Repack Charge
G370	Repair at Buyers Expense Charge

<b><u>Code</u></b>	<b><u>Name</u></b>
G380	Repair at Customer Expense Charge
G390	Repair at Government Expense Charge
G400	Repair
G410	Repickup
G420	Request Via Canada
G430	Research & Development Fee
G440	Resellers Discount
G450	Residential Delivery
G460	Residential Pickup
G470	Restocking Charge
G480	Restricted Article Fee
G490	Retainer
G500	Return Cargo Charge
G510	Returnable Container
G520	Returned Load
G530	Rework
G540	Riding Attendant Charge
G550	Rocky Mountain Bureau 583 Item 1100 Arbitrary Charge
G560	Roll Out Adjustment
G570	Roll Rebate
G580	Royalties
G590	Salvage
G600	Same - Day Service
G610	Saturday Delivery
G620	Saturday Pickup or Delivery Charge
G630	Saturday Pickup
G640	Scale Charge Unloading
G650	Scale Charge
G660	Scrap Allowance
G670	Security Signature Service
G680	Segregating (Sorting)
G690	Select Charge
G700	Self Unloader
G710	Seller Hand Carry
G720	Service Assistance Program Surcharge
G730	Service Charge (with Cash Discount)
G740	Service Charge
G750	Service Upgrade
G760	Set-up
G770	Shearing
G775	Sheep Fee
G780	Ship to Stock Quality Audit
G790	Shipper Load and Count
G800	Shipper Load Carrier Count
G810	Shipper Load Consignee Unload
G820	Shipper Load
G821	Shipping

<b><u>Code</u></b>	<b><u>Name</u></b>
G830	Shipping and Handling
G840	Shipside Pickup
G850	Shotblasting
G860	Shrink Allowance
G870	Shrink-Wrap Charge
G880	Shrinkage Allowance
G890	Single Invoice Allowance
G900	Single Pickup
G910	Single Shipment Fee
G920	Sleeving
G930	Slip Sheet Unloading Allowance
G940	Slip Sheet, Rail
G950	Slip Sheet, Truck
G960	Slotting Allowance
G970	Small Order Charge
G980	Software Support Service
G990	Source Inspection
GMST	Garment Surcharge
H000	Special Allowance
H010	Special Buy
H020	Special Circus Trains
H030	Special Credit
H040	Special Delivery
H050	Special Detention Charge
H060	Special Equipment Charge
H070	Special Finish Charge
H080	Special Freight Supplements
H090	Special Handling
H100	Special Mileage Movements
H110	Special Packaging
H120	Special Permits
H130	Special Pickup
H140	Special Pump Charge
H150	Special Seal Charge
H151	Special Services
H160	Special Test Equipment Charge
H170	Special Tooling Charge
H180	Special Tooling rework charge
H190	Special Train Movement
H200	Special Use
H210	Special Vehicle Rent
H215	Specific Duty
H220	Specification Review
H230	Split Delivery
H240	Split Pickup at Pier Charge
H250	Split Pickup
H260	Spool Charge

<u>Code</u>	<u>Name</u>
H270	Spotting of Trailer
H280	Spreader Charge
H290	Stamp Fee
H300	Stamping
H310	Standby Charge
H320	State Motor Fuel
H330	State Sales Charge
H340	State Surcharge
H350	State/Metropolitan Transit Authority Surcharge
H360	Steaming Charge
H370	Stenciling Charge
H380	Stop-off at Pier Charge
H390	Stop-off Charge
H400	Stopcharge
H410	Stopping in Transit
H420	Storage in Transit
H430	Storage
H440	Straightening Charge
H450	Strapping
H460	Street lamps charge
H470	Stripping, Sorting, and Consolidation
H480	Subject to Cooperative Advertising Allowance
H490	Subject To Tax On Resale
<b>Note 1:</b>	
<i>Used for Provincial Tobacco Tax</i>	
H500	Sufferance Warehouse Charge (Export or Import)
H505	Sugar Fee
H507	Sum of Adds and Deducts to Make Market Value
H510	Sunday or Holiday Pickup or Delivery
H520	Super Bag Charge
H530	Supervisor Charge
H535	Supplemental Duty
H540	Supplemental Items
H550	Surcharge
H551	Surety Bond
H560	Swell
H570	Switch Charge
H580	Switching Charge
H590	Tank Car Allowance
H600	Tank Rental
H605	Tarping
H610	Tax - Airport Tax, Destination
H620	Tax - Airport Tax, Origin
H625	Tax - Beverage Tax
H630	Tax - City Sales Tax (Only)
H640	Tax - Excise Tax - Destination
H650	Tax - Excise Tax - Origin

**Code**   **Name**

H660 Tax - Federal Excise Tax, FET  
H670 Tax - Federal Excise Tax, FET, on Tires  
H680 Tax - Governmental  
H690 Tax - Handling Charge Tax  
H700 Tax - Local Tax  
H710 Tax - Metropolitan Transit Tax  
H720 Tax - Regulatory Tax  
H730 Tax - Local Sales Tax

**Description:** *All applicable sales taxes by taxing authorities below the State level*

H740 Tax - Sales and Use  
H750 Tax - Sales Tax (State and Local)  
H760 Tax - State Hazardous Substance  
H770 Tax - State Tax

**Note 1:**

*Used for Provincial Sales Tax*

H780 Tax - Super Fund Excise Tax  
H790 Tax - Use Tax  
H800 Tax - Value Added Tax (VAT)  
H806 Tax Credit

**Note 1:**

*Used for Provincial Tax Credit*

H810 Tax Liability - Amortized  
H820 Tax Liability - One Time  
H830 Tax on Miscellaneous Charges  
H840 Tax on Transportation  
H850 Tax  
H855 Tea Fee  
H860 Technology Exchange  
H870 Telegram Chargeback  
H880 Telephone - Destination  
H890 Telephone - Origin  
H900 Telephone Charge  
H910 Temperature Protection  
H920 Temporary Allowance  
H930 Temporary Voluntary Allowance  
H935 Tendered as Truckload  
H940 Terminal Charge  
H950 Terminal Differential  
H960 Terminal Service Fee  
H970 Terms Allowance  
H980 Test/Qualification Charge  
H990 Testing Services Charge  
HZDT Hazardous Cargo on Deck  
I000 Testing  
I010 Third Party Allowance  
I020 Third Party Pallets

<b><u>Code</u></b>	<b><u>Name</u></b>
I030	Throughput Allowance
I040	Throughput Container Charge
I050	Thruway Charge
I060	Ticketing Service
I070	Tobacco Products Report Charge
I080	TOFC Service Charge
I090	Tool Charge
I100	Tooling Rework Charge
I110	Tooling
I120	Tools for Printing
I130	Total Assessorial Charges
I131	Total Fees
I132	Total Invoice Amount
I133	Total Due U.S. Customs and Border Protection (CBP)
I134	Total Invoice Amount, U.S. Dollars
I136	Total Invoice Amount, Non-U.S. Dollars
I138	Total Material Invoice Amount
I140	Tracing Inbound Via Other Carriers
I150	Tracing Service Fee
I160	Track Storage
I170	Trade Discount
I180	Trade In
I190	Trailer Rental Charge
I200	Transfer Charge
I210	Transfer of Lading Charge
I220	Transferred Charges
I230	Transit
I235	Transmission Charge
I240	Transportation And Setup
I250	Transportation Charge (Minimum Rate)
I260	Transportation Direct Billing
I270	Transportation Third Party Billing
I280	Transportation Vendor Provided
I290	Trimming Charge
I300	Truck Detention
I310	Truckload Discount
I320	Turning Charge
I330	Two - Day Service
I340	Two Door Pickup
I350	U.S. Vehicles
I360	Unabsorbed Switching
I370	Unitized
I380	Unloading (Labor Charges)
I390	Unloading
I400	Unloading/Reloading Charge
I410	Unsaleable Merchandise Allowance
I411	Unscheduled Fee

<b><u>Code</u></b>	<b><u>Name</u></b>
I420	Up Charge
I430	Usage Plan Detail Charge
I431	U.S. Customs and Border Protection (CBP) Flat Assist Amount
I432	U.S. Customs and Border Protection (CBP) Maximum Assist Amount
I440	USDA Inspected, Stamping Certification
I450	Use - Special Type Flat Car
I460	Use Charge Tooling/Personnel
I470	Valuation Fee
I480	Vehicle Ordered but Not Used
I490	Vehicle Prep Charge (Courtesy Delivery)
I495	Vehicle Road Charge
I500	Vendor Freight
I510	Venting Instructions
I520	Virgin Island Transfer Charge
I530	Volume Discount
I540	Voluntary Contribution Charge
I550	Waiting Time
I560	War Risk Surcharge
I570	Warehouse
I580	Warehousing
I590	Warranties
I595	Watermelon Fee
I600	Waybill and Invoice Distribution
I610	Weather Protection
I620	Weight Verification Charge
I630	Wharfage & Handling
I640	Wharfage Charge
I650	Wide Area Telephone Service (WATS) Usage Credit
I660	Will Call Charge
I670	Written Proof of Delivery
I680	X-ray Charge
I690	Gratuity
I700	Escrow
I710	Payment
I720	Direct Product Handling (DPC)
I730	Price Adjustment Percent (PCT)
I740	Post Damaged Handling (PDC)
I750	Reclamation Center Handling (Chute)
I760	Reclamation Shared Responsibility (SRS)
I770	Mid-Tier Lottery Winners
I780	Mid-Tier Lottery Cashing Bonus
I790	Lottery Cross Redeemed
I800	Low-Tier Lottery Winners
I810	Low-Tier Lottery Cashing Bonus
I820	Lottery Charge Back
I830	Tote
I840	Extra Hour Charges

<b><u>Code</u></b>	<b><u>Name</u></b>
I850	Refused Delivery Charge
I860	Reimbursement for Online Cashing Bonus
I870	Reimbursement for Online Winners
I880	Online Sales Bonus
I890	Instant Sales Bonus
IDCT	Improper Documentation
LC2T	Land Currency Adjustment Factor - 20 Foot Container
LC4T	Land Currency Adjustment Factor - 40 Foot Container
LCLT	Percent Differential - Less Than Container
LECT	Less Than Container
LFDT	Linehaul from Port of Debarkation
LMDT	Liner Terms at Port of Embarkation
LNDT	Liner Terms at Port of Debarkation
LPDT	Linehaul Percent Differential
LQDT	Liquidated Damages
LTET	Linehaul to Port of Embarkation
MATT	Modified Atmosphere
OCNT	Over Height Container
OFFA	Office Supplies
OODT	On Deck Break Bulk Differential
OTHR	Other Miscellaneous Earning or Additive
OWCT	Over Width Container
PFCH	Prepared Food Charge
PRST	Stuffing Charge
PTAX	Payroll Taxes
PVPT	Private Owned Vehicle Processing
R020	Personal Property, Member
R030	Personal Property, Spouse
R040	Port Handling and Unloading
R060	Packing, Crating, and Handling Charge
R080	Packing, Crating, Handling, and Transportation Charge
RDHT	Railhead Handling
RFMT	Reefer Maintenance
RPDT	Reefer Cargo Percent Differential
RSTT	Respotting
SFBT	Single Factor Origination/Destination
SFDT	Single Factor Origination/Port of Debarkation
SFET	Single Factor Port of Embarkation/Destination
SSCT	Stripping, Sorting and Consolidation
SSUT	Pole Lashing Equipment (PLE) Surcharge
STDT	Stop-off at Destination
STFT	Stuffing
STOT	Stop-off at Origination
TERT	Terminal Handling Charges
VCLT	Van Cleaning
WBBT	Wharfage - Breakbulk
WCFT	Wharfage - Container



<u>Code</u>	<u>Name</u>
WFTT	Wasted/Futile Trip
WRBT	War Risk Crew Insurance
WRIT	War Risk Insurance
X001	Auto Towing
X002	Late Return
X003	One Way/Drop Off
X004	Passenger Facility Charge
X005	Lodging
X006	Business Center
X007	Gift Shop
X008	Health Club
X009	Laundry/Dry Cleaning
X010	In-room Movie
X011	In-room Mini-bar
X012	Meals
X013	Parking
X014	Prepaid Amount
X015	Liquor Charge
ZZZZ	Mutually Defined

SAC03 559 **Agency Qualifier Code** X ID 2/2 Used

**Description:** Code identifying the agency assigning the code values

**CodeList Summary** (Total Codes: 196, 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

**Description:** Agency maintained code identifying the service, promotion, allowance, or charge

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

*See Section III for code list.*

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

**CodeList Summary** (Total Codes: 16, Included: 7)

**Code Name**

**Code Name**

- 1 Item List Cost
- 2 Item Net Cost
- 3 Discount/Gross

**Note 1:**

*All allowances are off the gross price including cash discount.*

- 4 Discount/Net

**Note 1:**

*All allowances are off the gross price. Cash discounts are off the net.*

- 5 Base Price per Unit

**Note 1:**

*Line item discount*

- 6 Base Price Amount

- 7 Base Price Amount Less Previous Discount

**Note 1:**

*Declining balance method*

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

**CodeList Summary** (Total Codes: 914, Included: 16)

**Code Name**

- BA Bale
- BG Bag
- BO Bottle
- BX Box
- CA Case
- CN Can
- CT Carton
- DS Display
- DZ Dozen
- EA Each
- KG Kilogram
- LB Pound
- M4 Monetary Value

**Note 1:**

*Canadian Note: This code identifies when there is a dollar value in the SAC10. It implies that the value is Canadian Dollars, unless the Header CUR segment specifies differently.*

**Code Name**

PK Package  
 PL Pallet/Unit Load  
 RL Roll

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

**CodeList 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 1/80 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:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**Note 1:** *Canadian Note: Tax Registration Number*

SAC15	352	<b>Description</b>	X	AN	1/80	Used
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**Description:** A free-form description to clarify the related data elements and their content

SAC16	819	<b>Language Code</b>	O	ID	2/3	Used
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**Description:** Code specifying the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

**Note 1:** *See External Code Source 102 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: >1
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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

**CodeList Summary** (Total Codes: 914, Included: 15)

### Code Name

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

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

**CodeList Summary** (Total Codes: 257, Included: 7)

### Code Name

1	D-U-N-S Number, Dun & Bradstreet
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#### 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
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#### Note 1:

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

21	Health Industry Number (HIN)
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**Code Name****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 used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key

**Note 1:**

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

UM GS1 Global Location Number with Extension Component

**Description:** A globally unique 13-digit code with a one to twenty character extension component used, for the identification of a legal or physical location

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ15	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ16	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ17	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ18	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ19	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ20	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ21	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ22	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> 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:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	<b>Number of Line Items</b>	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	<b>Weight</b>	X	R	1/10	Used
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**Description:** Numeric value of weight

CTT04	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken**Note 1:** *See Section III for code list.***CodeList Summary** (Total Codes: 914, Included: 16)**Code Name**

BA	Bale
BG	Bag
BO	Bottle
BX	Box
CA	Case
CN	Can
CT	Carton
DS	Display
DZ	Dozen
EA	Each
KG	Kilogram
LB	Pound
M4	Monetary Value

**Note 1:***Canadian Note: This code identifies when there is a dollar value in the SAC10. It implies that the value is Canadian Dollars, unless the Header CUR segment specifies differently.*

PK	Package
PL	Pallet/Unit Load
RL	Roll

CTT05	183	<b>Volume</b>	X	R	1/8	Used
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**Description:** Value of volumetric measure

CTT06	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
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**Description:** Code specifying the units in which a value is being expressed, or manner in

<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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which a measurement has been taken

**Note 1:** See Section III for code list.

**CodeList Summary** (Total Codes: 914, Included: 16)

**Code Name**

BA	Bale
BG	Bag
BO	Bottle
BX	Box
CA	Case
CN	Can
CT	Carton
DS	Display
DZ	Dozen
EA	Each
KG	Kilogram
LB	Pound
M4	Monetary Value

**Note 1:**

*Canadian Note: This code identifies when there is a dollar value in the SAC10. It implies that the value is Canadian Dollars, unless the Header CUR segment specifies differently.*

PK	Package
PL	Pallet/Unit Load
RL	Roll

### 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:

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

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

SE02	329	<b>Transaction Set Control Number</b>	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.