



855 Purchase Order Acknowledgment - Canada

VICS EDI

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855 Purchase Order Acknowledgment - Canada

Functional Group=PR

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

Note 1:

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

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	7
0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use	8
* 0400	CUR	Currency	O	1				N/A
0500	REF	Reference Information	O	>1			Used	10
* 0600	PER	Administrative Communications Contact	O	3				N/A
* 0700	TAX	Tax Reference	O	>1				N/A
* 0800	FOB	F.O.B. Related Instructions	O	>1				N/A
* 0900	CTP	Pricing Information	O	>1				N/A
* 0950	PAM	Period Amount	O	10				N/A
* 1100	CSH	Sales Requirements	O	1				N/A
* LOOP ID - SAC					≥1			N/A
* 1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1				N/A
* 1250	CUR	Currency	O	1				N/A
* 1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1				N/A
* 1400	DIS	Discount Detail	O	20				N/A
* 1450	INC	Installment Information	O	1				N/A
1500	DTM	Date/Time Reference	O	10			Used	11
* 1600	LDT	Lead Time	O	12				N/A
* 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	25				N/A
* 2300	TD1	Carrier Details (Quantity	O	2				N/A

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				N/A
* 2500	TD3	Carrier Details (Equipment)	O	12				N/A
* 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
* 2750	TXI	Tax Information	O	>1				N/A
* 2770	CTB	Restrictions/Conditions	O	>1				N/A
* LOOP ID - N9					1000			N/A
* 2800	N9	Extended Reference Information	O	1				N/A
* 2850	DTM	Date/Time Reference	O	>1				N/A
* 2900	MTX	Text	O	>1				N/A
* 2950	PWK	Paperwork	O	>1				N/A
* 2980	EFI	Electronic Format Identification	O	>1				N/A
LOOP ID - N1					≥1			13
3000	N1	Party Identification	O	1			Used	14
3100	N2	Additional Name Information	O	2			Used	16
* 3150	IN2	Individual Name Structure Components	O	>1				N/A
3200	N3	Party Location	O	2			Used	17
3300	N4	Geographic Location	O	1			Used	18
* 3350	NX2	Location ID Component	O	>1				N/A
* 3400	REF	Reference Information	O	12				N/A
* 3500	PER	Administrative Communications Contact	O	>1				N/A
* 3550	SI	Service Characteristic Identification	O	>1				N/A
* 3600	FOB	F.O.B. Related Instructions	O	1				N/A
* 3700	TD1	Carrier Details (Quantity and Weight)	O	2				N/A
* 3800	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				N/A
* 3900	TD3	Carrier Details (Equipment)	O	12				N/A
* 4000	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5				N/A
* 4100	PKG	Marking, Packaging, Loading	O	25				N/A
* 4200	MTX	Text	O	>1				N/A
* LOOP ID - ADV					≥1			N/A
* 4300	ADV	Advertising Demographic	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>
		Information						
* 4400	DTM	Date/Time Reference	O	>1				N/A
* 4500	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>
<u>LOOP ID - PO1</u>						<u>>1</u>	<u>N2/0100L</u>	19
0100	PO1	Baseline Item Data	O	1		N2/0100	Used	20
* 0150	LIN	Item Identification	O	>1				N/A
* 0180	SI	Service Characteristic Identification	O	>1				N/A
* 0200	CUR	Currency	O	1				N/A
* 0300	PO3	Additional Item Detail	O	25				N/A
0400	CTP	Pricing Information	O	>1			Used	26
* 0450	PAM	Period Amount	O	10				N/A
* 0490	MEA	Measurements	O	40				N/A
<u>* LOOP ID - PID</u>						<u>1000</u>		N/A
* 0500	PID	Product/Item Description	O	1				N/A
* 0600	MEA	Measurements	O	10				N/A
* 0700	PWK	Paperwork	O	25				N/A
0900	PO4	Item Physical Details	O	>1			Used	28
* 1000	REF	Reference Information	O	>1				N/A
* 1100	PER	Administrative Communications Contact	O	3				N/A
<u>LOOP ID - SAC</u>						<u>>1</u>		30
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used	31
* 1350	CUR	Currency	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	59
* 2000	DTM	Date/Time Reference	O	10				N/A
* 2100	LDT	Lead Time	O	12				N/A
* 2300	TD1	Carrier Details (Quantity and Weight)	O	1				N/A
* 2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				N/A
* 2500	TD3	Carrier Details (Equipment)	O	12				N/A
* 2600	TD4	Carrier Details (Special Handling, or Hazardous)	O	5				N/A

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u> Materials, or Both)	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
<u>LOOP ID - ACK</u>						<u>104</u>		62
2700	ACK	Line Item Acknowledgment	O	1			Used	63
* 2800	DTM	Date/Time Reference	O	1				N/A
* 2900	MAN	Marks and Numbers Information	O	10				N/A
* 2930	AMT	Monetary Amount Information	O	1		N2/2930		N/A
* 2950	CTB	Restrictions/Conditions	O	>1				N/A
* 2960	TXI	Tax Information	O	>1				N/A
* <u>LOOP ID - QTY</u>						<u>>1</u>		N/A
* 3000	QTY	Quantity Information	O	1				N/A
* 3020	SI	Service Characteristic Identification	O	>1				N/A
* <u>LOOP ID - PKG</u>						<u>200</u>		N/A
* 3030	PKG	Marking, Packaging, Loading	O	1				N/A
* 3050	MEA	Measurements	O	>1				N/A
* <u>LOOP ID - SCH</u>						<u>200</u>	<u>N2/3100L</u>	N/A
* 3100	SCH	Line Item Schedule	O	1		N2/3100		N/A
* 3150	TD1	Carrier Details (Quantity and Weight)	O	2				N/A
* 3200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				N/A
* 3300	TD3	Carrier Details (Equipment)	O	12				N/A
* 3400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5				N/A
* 3450	REF	Reference Information	O	>1				N/A
* <u>LOOP ID - N9</u>						<u>1000</u>		N/A
* 3500	N9	Extended Reference Information	O	1				N/A
* 3550	DTM	Date/Time Reference	O	>1				N/A
* 3600	MTX	Text	O	>1				N/A
* 3650	PWK	Paperwork	O	>1				N/A
* 3680	EFI	Electronic Format Identification	O	>1				N/A
<u>LOOP ID - N1</u>						<u>200</u>		68
3700	N1	Party Identification	O	1			Used	69
3800	N2	Additional Name Information	O	2			Used	70
* 3850	IN2	Individual Name Structure Components	O	>1				N/A
3900	N3	Party Location	O	2			Used	71
4000	N4	Geographic Location	O	1			Used	72
* 4050	NX2	Location ID Component	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>	
* 4100	REF	Reference Information	O	12				N/A	
* 4200	PER	Administrative Communications Contact	O	3				N/A	
* 4250	SI	Service Characteristic Identification	O	>1				N/A	
* 4260	DTM	Date/Time Reference	O	1				N/A	
* 4300	FOB	F.O.B. Related Instructions	O	1				N/A	
* 4350	SCH	Line Item Schedule	O	200				N/A	
* 4400	TD1	Carrier Details (Quantity and Weight)	O	2				N/A	
* 4500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				N/A	
* 4600	TD3	Carrier Details (Equipment)	O	12				N/A	
* 4700	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5				N/A	
* 4750	QTY	Quantity Information	O	>1				N/A	
* 4800	PKG	Marking, Packaging, Loading	O	25				N/A	
LOOP ID - SLN								1000	73
4900	SLN	Subline Item Detail	O	1			Used	74	
* 4950	MTX	Text	O	>1				N/A	
* 5000	SI	Service Characteristic Identification	O	>1				N/A	
* 5100	PID	Product/Item Description	O	1000				N/A	
* 5200	PO3	Additional Item Detail	O	25				N/A	
* 5210	MEA	Measurements	O	>1				N/A	
* 5220	CTP	Pricing Information	O	25				N/A	
* 5230	PAM	Period Amount	O	10				N/A	
* 5300	ACK	Line Item Acknowledgment	O	104				N/A	
* LOOP ID - SAC								10	N/A
* 5400	SAC	Service, Promotion, Allowance, or Charge Information	O	1				N/A	
* 5450	CUR	Currency	O	1				N/A	
* 5500	DTM	Date/Time Reference	O	10				N/A	
* 5540	PO4	Item Physical Details	O	1				N/A	
* 5570	TAX	Tax Reference	O	3				N/A	
* 5580	ADV	Advertising Demographic Information	O	>1				N/A	
* LOOP ID - QTY								>1	N/A
* 5590	QTY	Quantity Information	O	1				N/A	
* 5610	SI	Service Characteristic Identification	O	>1				N/A	
* LOOP ID - N9								>1	N/A
* 5630	N9	Extended Reference Information	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>
* 5640	DTM	Date/Time Reference	O	>1				N/A
* 5650	MTX	Text	O	>1				N/A
* LOOP ID - N1					10			N/A
* 5760	N1	Party Identification	O	1				N/A
* 5780	N2	Additional Name Information	O	2				N/A
* 5790	IN2	Individual Name Structure Components	O	>1				N/A
* 5800	N3	Party Location	O	2				N/A
* 5900	N4	Geographic Location	O	1				N/A
* 6000	NX2	Location ID Component	O	>1				N/A
* 6100	REF	Reference Information	O	12				N/A
* 6200	PER	Administrative Communications Contact	O	3				N/A
* 6250	SI	Service Characteristic Identification	O	>1				N/A

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
LOOP ID - CTT					1	N3/0100L		87
0100	CTT	Transaction Totals	O	1		N3/0100	Used	88
* 0200	AMT	Monetary Amount Information	O	1		N3/0200		N/A
0300	SE	Transaction Set Trailer	M	1			Must use	89

Notes:

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

CodeList Summary (Total Codes: 321, Included: 1)

Code Name

855 Purchase Order Acknowledgment

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.

BAK Beginning Segment for Purchase Order Acknowledgment

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 Acknowledgment Transaction Set and transmit identifying numbers and dates

Note 1:

When notifying a retailer of a vendor-generated replenishment order, either code 00 or 16 is used in BAK01 and code AP is used in BAK02.

When acknowledging a retailer's purchase order, code 00 is used in BAK01 and either code AD or AK is used in BAK02.

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

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

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>
BAK01	353	Transaction Set Purpose Code	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 76, Included: 5)

Code Name

00 Original

Note 1:

NOTIFICATION: If XQ01, in Transaction Set 852, contains code G, BAK01 will contain code 00.

ACKNOWLEDGMENT: This is the original acknowledgment.

01 Cancellation

Note 1:

NOTIFICATION: Cancel the vendor-generated replenishment order. The canceled purchase order number is not available for reuse until reissued within the normal business cycle.

ACKNOWLEDGMENT: Cancels the retailer's purchase order.

05 Replace

Note 1:

NOTIFICATION: The previously transmitted vendor-generated replenishment order has changed and should be replaced (re-transmitted) in its entirety.

ACKNOWLEDGMENT: This code is not valid for regular acknowledgments.

16 Proposed

Note 1:

NOTIFICATION: If XQ01, in Transaction Set 852, contains code F, BAK01 will

Code Name*contain code 16.**ACKNOWLEDGMENT: This code is not valid for regular acknowledgments.*

19 Seller initiated change

Note 1:*NOTIFICATION: This code is not valid for notification of vendor-generated replenishment orders.**ACKNOWLEDGMENT: Change the retailer's purchase order.*BAK02 587 **Acknowledgment Type Code** M ID 2/2 Must use**Description:** Code specifying the type of acknowledgment**Note 1:** *Codes AC, AD, AE, AK and RJ may be used only for acknowledgments to a retailer's purchase order. Code AP may only be used to indicate a vendor-generated replenishment acknowledgment (notification).***CodeList Summary** (Total Codes: 15, Included: 6)**Code Name**

AC Acknowledge - With Detail and Change

Note 1:*Full purchase order detail must be transmitted*

AD Acknowledge - With Detail, No Change

AE Acknowledge - With Exception Detail Only

Note 1:*Only transmit details of change*

AK Acknowledge - No Detail or Change

AP Acknowledge - Product Replenishment

RJ Rejected - No Detail

BAK03 324 **Purchase Order Number** M AN 1/22 Must use**Description:** Identifying number for Purchase Order assigned by the orderer/purchaser**Note 1:** *NOTIFICATION: Purchase order numbers are negotiable as part of trading partner relationships and can be pre-assigned in XPO01 or XPO02 in Transaction Set 852.*BAK04 373 **Date** M DT 8/8 Must use**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year**Note 1:** *NOTIFICATION: The date the replenished order was created from the suppliers modeling system*BAK05 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 transactionBAK07 367 **Contract Number** O AN 1/30 Used**Description:** Contract number**Semantics:**

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

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:**

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

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: 1835, 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
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
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier**Syntax Rules:**

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

Semantics:

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

DTM Date/Time Reference

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

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Note 1:

This segment is used to specify order processing dates.

Element Summary:

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

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

CodeList Summary (Total Codes: 1316, Included: 9)

Code Name

001 Cancel After

Note 1:

If the order has not been shipped by this date, the order is considered canceled

002 Delivery Requested

007 Effective

Note 1:

For terms

009 Process

Note 1:

*Date and time transaction was generated
Used only by the alcohol beverage industry*

010 Requested Ship

017 Estimated Delivery

068 Current Schedule Ship

086 Scheduled for Shipment (Week of)

118 Requested Pickup

Note 1:

Pick-up date for backhaul

DTM02	373	Date	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	Time	X	TM	4/8	Used
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Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Note 1: *Used only by the alcohol beverage industry*

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.

Loop Party Identification

Pos: 3000	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>
3000	N1	Party Identification	O	1		Used
3100	N2	Additional Name Information	O	2		Used
3200	N3	Party Location	O	2		Used
3300	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 3000	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used**Purpose:** To identify a party by type of organization, name, and code**Note 1:**

This segment is used to identify the retailer's locations as they pertain to the order. The ship-to (N101 contains code ST) may be identified in the header area or the detail area, but not both.

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

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

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

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

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

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

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: 1532, Included: 9)

Code Name

BS Bill and Ship To
 BT Bill-to-Party
 FR Message From
 MA Party for whom Item is Ultimately Intended

Note 1:

Ultimate receiver

SE Selling Party
 SF Ship From
 ST Ship To
 SU Supplier/Manufacturer
 TO Message To

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N102	93	Name	X	AN	1/60	Used

Description: Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used
------	----	--------------------------------------	---	----	-----	------

Description: Code specifying the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 256, 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:

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

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

Description: Code identifying a party or other code

Note 1: This is the location code as defined by N103. The location code may be a formal number, e.g., DUNS, or it may be assigned by either the buyer or seller. The location refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses.

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N2 Additional Name Information

Pos: 3100	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names

Element Summary:

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

N3 Party Location

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

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

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

N4 Geographic Location

Pos: 3300	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	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	X	ID	2/2	Used
		Description: Code specifying the Standard State/Province as defined by appropriate government agency				
		Note 1: See External Code Source 22 in Section III for reference document.				
N403	116	Postal Code	X	ID	3/15	Used
		Description: Code specifying international postal zone code excluding punctuation and blanks (zip code for United States)				
		Note 1: See External Code Source 51 in Section III for reference document.				
N404	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				
		Note 1: See External Code Source 5 in Section III for reference document.				
		Note 2: CA Canada MX Mexico US United States				
N408	1702	Postal Code-Formatted	X	AN	3/20	Used
		Description: 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.

Loop Baseline Item Data

Pos: 0100 Repeat: >1
 Optional
 Loop: PO1 Elements: N/A

User Option (Usage): Used

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	O	1		Used
0400	CTP	Pricing Information	O	>1		Used
0900	PO4	Item Physical Details	O	>1		Used
1300		Loop SAC	O		>1	Used
1900	SDQ	Destination Quantity	O	>1		Used
2700		Loop ACK	O		104	Used
3700		Loop N1	O		200	Used
4900		Loop SLN	O		1000	Used

PO1 Baseline Item Data

Pos: 0100 Max: 1
 Detail - Optional
 Loop: PO1 Elements: 17

User Option (Usage): Used

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

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>
PO101	350	Assigned Identification	O	AN	1/20	Used

Description: Alphanumeric characters assigned for differentiation within a transaction set

PO102	380	Quantity	X	R	1/15	Used
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Description: Numeric value of quantity

PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	Must use
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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

CodeList Summary (Total Codes: 908, Included: 15)

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

PO104	212	Unit Price	X	R	1/17	Used
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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".

To indicate a no charge item or free goods, PO104 will contain a single zero (0) and PO105 will contain code NC.

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

PO105	639	Basis of Unit Price Code	O	ID	2/2	Used
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Description: Code identifying the type of unit price for an item

Note 1: This data element is used to clarify or alter the basis of unit price. The unit price

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>expressed in PO104 is always in the same terms as the unit of measure in PO103, unless otherwise specified in PO105.</i>				
		CodeList Summary (Total Codes: 101, Included: 13)				
		<u>Code</u>		<u>Name</u>		
		LD		Catalog Price per Dozen		
		LE		Catalog Price per Each		
		NC		No Charge		
		PO		Price per Ounce		
		PP		Price per Pound		
		PR		Promotion		
		QT		Quoted		
		RD		Retail Price per Dozen		
		RE		Retail Price per Each		
		TD		Contract Price per Dozen		
		TE		Contract Price per Each		
		WD		Wholesale Price per Dozen		
		WE		Wholesale Price per Each		
PO106	235	Product/Service ID Qualifier	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: 549, Included: 7)				
		<u>Code</u>		<u>Name</u>		
		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		
		Note 1:				
		<i>Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.</i>				
		<i>Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.</i>				
PO107	234	Product/Service ID	X	AN	1/80	Used
		Description: Identifying number for a product or service				

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

CodeList Summary (Total Codes: 549, 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

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

PO109	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

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

CodeList Summary (Total Codes: 549, 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

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

VN Vendor's (Seller's) Item Number

Note 1:*Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.**Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.*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)**CodeList Summary** (Total Codes: 549, 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

Note 1:*Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.**Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.*PO113 234 **Product/Service ID** X AN 1/80 Used**Description:** Identifying number for a product or servicePO114 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: 549, Included: 7)**Code Name**

CA Case

EN GTIN-13

Code Name

	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

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

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

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

CodeList Summary (Total Codes: 549, 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

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

PO117	234	Product/Service ID	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.

CTP Pricing Information

Pos: 0400	Max: >1
Detail - Optional	
Loop: PO1	Elements: 5

User Option (Usage): Used**Purpose:** To specify pricing information**Element Summary:**

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

Description: Code indicating class of trade**CodeList Summary** (Total Codes: 63, Included: 5)**Code Name**

AG	Agent
BG	Buying Group
DE	Dealer
DI	Distributor
RS	Resale

CTP02	236	Price Identifier Code	X	ID	3/3	Must use
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Description: Code identifying pricing specification**CodeList Summary** (Total Codes: 171, Included: 2)**Code Name**

OPP	Original Purchase Order Price
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Note 1:*Original unit price*

UCP	Unit cost price
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Note 1:*Item list cost***Note 2:***Unit price in the CTP02 is dependent on how the product is ordered (i.e. if the product is ordered by the case, then the pricing in CTP02 is price per case).*

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.
2. If C001-03 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>
		3. If C001-05 is not used, its value is to be interpreted as 1.				
		4. If C001-06 is not used, its value is to be interpreted as 1.				
		5. If C001-08 is not used, its value is to be interpreted as 1.				
		6. If C001-09 is not used, its value is to be interpreted as 1.				
		7. If C001-11 is not used, its value is to be interpreted as 1.				
		8. If C001-12 is not used, its value is to be interpreted as 1.				
		9. If C001-14 is not used, its value is to be interpreted as 1.				
		10. If C001-15 is not used, its value is to be interpreted as 1.				
CTP05-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
CodeList Summary (Total Codes: 908, 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				

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.

PO4 Item Physical Details

Pos: 0900	Max: >1
Detail - Optional	
Loop: PO1	Elements: 3

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	Pack	O	N0	1/6	Used

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

PO402	357	Size	X	R	1/8	Used
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Description: Size of supplier units in pack

PO403	355	Unit or Basis for Measurement Code	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

CodeList Summary (Total Codes: 908, Included: 15)

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

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

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
A090	Ad Valorem
A100	Add on - Destination
A110	Add on - Origin
A112	Add to Make Market Value

<u>Code</u>	<u>Name</u>
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
A500	Bad Debt
A510	Banking Drafts
A520	Base Charge
A530	Basic Reorder Allowance

<u>Code</u>	<u>Name</u>
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
A930	Carrier Credit Allowance
A940	Carrier Debit Allowance
A950	Carrier Notification Charge
A960	Carrier

<u>Code</u>	<u>Name</u>
A970	Cartage Charge
A980	Cartage
A990	Cataloging Services
ADOW	Payroll Additives, Overtime Labor
ADRW	Payroll Additives, Straight Time Labor
AFEE	Fee
	Description: <i>Percentage or fixed fee an organization charges for services</i>
ALPT	Port Changes
B000	Central Buy
B010	Cents Off
B015	Bop Sheet
	Description: <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
B320	Competitive Allowance
B330	Competitive Car Allowance
B340	Competitive Price
B350	Compressor Charge

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

<u>Code</u>	<u>Name</u>
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
C140	Designated Supplier Inspection
C150	Destination Charge
C160	Detention - Special Type Flat Car
C170	Detention Loading

<u>Code</u>	<u>Name</u>
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	Diversions and Reconsignment
C370	Diversions Charge
C380	Diversions 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
C570	Emergency Port Charge
C580	Emergency Service
C590	Emergency Surcharge
C600	Empty Weighing Charge

<u>Code</u>	<u>Name</u>
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
CGTT	Cargo Taxes
CLDT	Container Loss/Damage
COMM	Communications Charges
CONC	Container Charge

<u>Code</u>	<u>Name</u>
CRLT	Container Lease
CUFT	Currency Adjustment - Break Bulk
D000	Facsimile Charges - Additional Pages
D010	Facsimile Charges
D015	Dunnage
	Description: <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
D290	Full Truckload Allowance
D292	Fumigation
D300	Garment District
D301	Gateway Fee

<u>Code</u>	<u>Name</u>
D310	Gas Pressure
D320	Glaze
D330	Gold Factor
D340	Goods and Services Charge
D350	Goods and Services Credit Allowance
D360	Goods and Services Tax Charge
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
	Description: <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
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

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

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

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

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

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

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

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

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

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

<u>Code</u>	<u>Name</u>
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
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	Tarpping
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
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: <i>All applicable sales taxes by taxing authorities below the State level</i>
H740	Tax - Sales and Use

<u>Code</u>	<u>Name</u>
H750	Tax - Sales Tax (State and Local)
H760	Tax - State Hazardous Substance
H770	Tax - State Tax
H780	Tax - Super Fund Excise Tax
H790	Tax - Use Tax
H800	Tax - Value Added Tax (VAT)
H806	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
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

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

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

<u>Code</u>	<u>Name</u>
LTET	Linehaul to Port of Embarkation
MATT	Modified Atmosphere
OCNT	Over Height Container
OFFA	Office Supplies
ODDT	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
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

<u>Code</u>	<u>Name</u>
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 price.

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: <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>						
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: 908, 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						
SAC10	380	Quantity	X	R	1/15	Used
Description: Numeric value of quantity						
Note 1: <i>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.</i>						
<i>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.</i>						
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:						
<i>The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.</i>						

Code Name

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

SAC15	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

SAC16	819	Language Code	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 SDQ segment functions as an N1 segment containing code BY in N101, that is, the SDQ segment specifies various buying locations. The N1 segment, in the basic order, specifies only one location.

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: 908, Included: 15)

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

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: 256, Included: 7)

<u>Code</u>	<u>Name</u>
1	D-U-N-S Number, Dun & Bradstreet
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.

Note 1:
See External Code Source 16 in Section III for reference document.

<u>Code</u>	<u>Name</u>					
21	Health Industry Number (HIN)					
	Note 1:					
	<i>See External Code Source 121 in Section III for reference document.</i>					
91	Assigned by Seller or Seller's Agent					
92	Assigned by Buyer or Buyer's Agent					
UL	Global Location Number (GLN)					
	Description: <i>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</i>					
	Note 1:					
	<i>See External Code Source 583 in Section III for reference document.</i>					
UM	GS1 Global Location Number with Extension Component					
	Description: <i>A globally unique 13-digit code with a one to twenty character extension component used, for the identification of a legal or physical location</i>					
SDQ03	67	Identification Code	M	AN	2/80	Must use
		Description: Code identifying a party or other code				
SDQ04	380	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				
SDQ05	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ06	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ07	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ08	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ09	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ10	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ11	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ12	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ13	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ14	380	Quantity	X	R	1/15	Used

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

Syntax Rules:

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

Semantics:

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

Comments:

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

Loop Line Item Acknowledgment

Pos: 2700	Repeat: 104
Optional	
Loop: ACK	Elements: N/A

User Option (Usage): Used

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

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>
2700	ACK	Line Item Acknowledgment	O	1		Used

ACK Line Item Acknowledgment

Pos: 2700	Max: 1
Detail - Optional	
Loop: ACK	Elements: 13

User Option (Usage): Used

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

Note 1:

This segment may be used to indicate that a line item has been accepted, deleted, or changed. Some product production cycles, such as furniture, are long and may have different ship dates than the original purchase order. This segment may be used to inform the originator of the current ship date or that no ship date has been scheduled. The codes listed for ACK07 apply to every occurrence of Data Element 235 in the ACK segment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK01	668	Line Item Status Code	M	ID	2/2	Must use

Description: Code specifying the action taken by the seller on a line item requested by the buyer

CodeList Summary (Total Codes: 26, Included: 7)

Code Name

- IA Item Accepted
- IC Item Accepted - Changes Made
- ID Item Deleted

Note 1:

Cancellation of a line item

- IE Item Accepted, Price Pending

Note 1:

Used only by the alcohol beverage industry

- IH Item on Hold

Note 1:

Used only by the alcohol beverage industry

- IP Item Accepted - Price Changed

Note 1:

Used only by the alcohol beverage industry

- IR Item Rejected

Note 1:

Used only by the alcohol beverage industry

ACK02	380	Quantity	X	R	1/15	Used
-------	-----	----------	---	---	------	------

Description: Numeric value of quantity

Note 1: *Quantity which the change affects, i.e., the quantity that applies to the dates sent in ACK04 and ACK05*

ACK03	355	Unit or Basis for Measurement Code	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: 908, 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

ACK04 374 **Date/Time Qualifier** O ID 3/3 Used

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

CodeList Summary (Total Codes: 1316, Included: 2)

Code Name

068 Current Schedule Ship
 100 No Shipping Schedule Established as of

ACK05 373 **Date** X DT 8/8 Used

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

ACK07 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: 549, 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

Code Name**Note 1:**

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

ACK08	234	Product/Service ID	X	AN	1/80	Used
-------	-----	---------------------------	---	----	------	------

Description: Identifying number for a product or service

ACK09	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 ACK07 for code list

CodeList Summary (Total Codes: 549, 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

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

ACK10	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

ACK11	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 ACK07 for code list

CodeList Summary (Total Codes: 549, Included: 7)

Code Name

CA Case

EN GTIN-13

Code Name

	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

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

ACK12	234	Product/Service ID	X	AN	1/80	Used
-------	-----	---------------------------	---	----	------	------

Description: Identifying number for a product or service

ACK13	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 ACK07 for code list

CodeList Summary (Total Codes: 549, 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

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1

Code Name*Canada.*

ACK14	234	Product/Service ID	X	AN	1/80	Used
-------	-----	---------------------------	---	----	------	------

Description: Identifying number for a product or service**Syntax Rules:**

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

Semantics:

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

Loop Party Identification

Pos: 3700	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

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

Note 1:

*There can be only one iteration of the N1 loop in the detail area for each PO1 segment.
This segment is used only by the alcohol beverage industry.*

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>
3700	N1	Party Identification	O	1		Used
3800	N2	Additional Name Information	O	2		Used
3900	N3	Party Location	O	2		Used
4000	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 3700	Max: 1
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used**Purpose:** To identify a party by type of organization, name, and code**Note 1:**

*There can be only one iteration of the N1 loop in the detail area for each PO1 segment.
This segment is used only by the alcohol beverage industry.*

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: 1532, Included: 2)

Code Name

CN Consignee

MA Party for whom Item is Ultimately Intended

N102	93	Name	X	AN	1/60	Must use
------	----	------	---	----	------	----------

Description: Free-form name

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: 3800	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names

Note 1:

This segment is used only by the alcohol beverage industry.

Element Summary:

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

N3 Party Location

Pos: 3900	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Note 1:

This segment is used only by the alcohol beverage industry.

Element Summary:

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

N4 Geographic Location

Pos: 4000	Max: 1
Detail - Optional	
Loop: N1	Elements: 5

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Note 1:

This segment is used only by the alcohol beverage industry.

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	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	X	ID	2/2	Used
		Description: Code specifying the Standard State/Province as defined by appropriate government agency				
		Note 1: See External Code Source 22 in Section III for reference document.				
N403	116	Postal Code	X	ID	3/15	Used
		Description: Code specifying international postal zone code excluding punctuation and blanks (zip code for United States)				
		Note 1: See External Code Source 51 in Section III for reference document.				
N404	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				
		Note 1: See External Code Source 5 in Section III for reference document.				
		Note 2: CA Canada MX Mexico US United States				
N408	1702	Postal Code-Formatted	X	AN	3/20	Used
		Description: 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.

Loop Subline Item Detail

Pos: 4900	Repeat: 1000
Optional	
Loop: SLN	Elements: N/A

User Option (Usage): Used

Purpose: To specify product subline detail 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>
4900	SLN	Subline Item Detail	O	1		Used

SLN Subline Item Detail

Pos: 4900	Max: 1
Detail - Optional	
Loop: SLN	Elements: 26

User Option (Usage): Used**Purpose:** To specify product subline detail item data**Note 1:**

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

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

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>
SLN01	350	Assigned Identification	M	AN	1/20	Must use
Description: Alphanumeric characters assigned for differentiation within a transaction set						
SLN03	662	Relationship Code	M	ID	1/1	Must use
Description: Code indicating the relationship between entities						
CodeList Summary (Total Codes: 6, Included: 3)						
Code Name						
D Delete						
I Included						
S Substituted						
SLN04	380	Quantity	X	R	1/15	Used
Description: Numeric value of quantity						
SLN05	C001	Composite Unit of Measure	X	Comp		Used
Description: To identify a composite unit of measure(See Figures Appendix for examples of use)						
Comments:						
1. If C001-02 is not used, its value is to be interpreted as 1.						
2. If C001-03 is not used, its value is to be interpreted as 1.						
3. If C001-05 is not used, its value is to be interpreted as 1.						
4. If C001-06 is not used, its value is to be interpreted as 1.						
5. If C001-08 is not used, its value is to be interpreted as 1.						
6. If C001-09 is not used, its value is to be interpreted as 1.						
7. If C001-11 is not used, its value is to be interpreted as 1.						
8. If C001-12 is not used, its value is to be interpreted as 1.						
9. If C001-14 is not used, its value is to be interpreted as 1.						
10. If C001-15 is not used, its value is to be interpreted as 1.						
SLN05-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CodeList Summary (Total Codes: 908, 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						
SLN06	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, SLN06 will contain a single zero (0) and SLN07 will contain code NC.						
SLN07	639	Basis of Unit Price Code	O	ID	2/2	Used
Description: Code identifying the type of unit price for an item						
Note 1: This data element is used to clarify or alter the basis of unit price. The unit price expressed in SLN06 is always in the same terms as the unit of measure in SLN05, unless otherwise specified in SLN07.						
CodeList Summary (Total Codes: 101, Included: 13)						
Code Name						
LD Catalog Price per Dozen						
LE Catalog Price per Each						
NC No Charge						
PO Price per Ounce						
PP Price per Pound						
PR Promotion						
QT Quoted						
RD Retail Price per Dozen						
RE Retail Price per Each						
TD Contract Price per Dozen						
TE Contract Price per Each						
WD Wholesale Price per Dozen						
WE Wholesale Price per Each						
SLN09	235	Product/Service ID Qualifier	X	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 549, Included: 17)				
		Code		Name		
		BO		Buyers Color		
		CA		Case		
		CG		Commodity Grouping		
		CM		National Retail Federation Color Code		
		Note 1:				
		<i>This is the three-digit NRF code.</i>				
		<i>See External Code Source 88 in Section III for reference document.</i>				
		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				
		IB		International Standard Book Number (ISBN)		
		IN		Buyer's Item Number		
		IT		Buyer's Style Number		
		IZ		Buyer's Size Code		
		SM		National Retail Federation Size Code		
		Note 1:				
		<i>This is the five-digit NRF code.</i>				
		<i>See External Code Source 88 in Section III for reference document.</i>				
		SZ		Vendor Alphanumeric Size Code		
		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				
		VA		Vendor's Style Number		
		VE		Vendor Color		
		VN		Vendor's (Seller's) Item Number		
		Note 1:				
		<i>Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.</i>				
		<i>Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.</i>				
SLN10	234	Product/Service ID	X	AN	1/80	Used
		Description: Identifying number for a product or service				
SLN11	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)				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CodeList Summary (Total Codes: 549, Included: 17)						
		Code Name				
		BO Buyers Color				
		CA Case				
		CG Commodity Grouping				
		CM National Retail Federation Color Code				
		Note 1:				
		<i>This is the three-digit NRF code. See External Code Source 88 in Section III for reference document.</i>				
		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				
		IB International Standard Book Number (ISBN)				
		IN Buyer's Item Number				
		IT Buyer's Style Number				
		IZ Buyer's Size Code				
		SM National Retail Federation Size Code				
		Note 1:				
		<i>This is the five-digit NRF code. See External Code Source 88 in Section III for reference document.</i>				
		SZ Vendor Alphanumeric Size Code				
		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				
		VA Vendor's Style Number				
		VE Vendor Color				
		VN Vendor's (Seller's) Item Number				
		Note 1:				
		<i>Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product. Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.</i>				
SLN12	234	Product/Service ID	X	AN	1/80	Used
		Description: Identifying number for a product or service				
SLN13	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: 549, Included: 17)						

Code Name

- BO Buyers Color
- CA Case
- CG Commodity Grouping
- CM National Retail Federation Color Code

Note 1:

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

- 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

- IB International Standard Book Number (ISBN)
- IN Buyer's Item Number
- IT Buyer's Style Number
- IZ Buyer's Size Code
- SM National Retail Federation Size Code

Note 1:

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

- SZ Vendor Alphanumeric Size Code

- 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

- VA Vendor's Style Number
- VE Vendor Color
- VN Vendor's (Seller's) Item Number

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

SLN14	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

SLN15	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: 549, Included: 17)

Code Name

- BO Buyers Color
- CA Case

Code Name

CG Commodity Grouping
 CM National Retail Federation Color Code

Note 1:

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

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

IB International Standard Book Number (ISBN)

IN Buyer's Item Number

IT Buyer's Style Number

IZ Buyer's Size Code

SM National Retail Federation Size Code

Note 1:

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

SZ Vendor Alphanumeric Size Code

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

VA Vendor's Style Number

VE Vendor Color

VN Vendor's (Seller's) Item Number

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

SLN16	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

SLN17	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: 549, Included: 17)

Code Name

BO Buyers Color
 CA Case
 CG Commodity Grouping
 CM National Retail Federation Color Code

Code Name

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

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

IB International Standard Book Number (ISBN)

IN Buyer's Item Number

IT Buyer's Style Number

IZ Buyer's Size Code

SM National Retail Federation Size Code

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

SZ Vendor Alphanumeric Size Code

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

VA Vendor's Style Number

VE Vendor Color

VN Vendor's (Seller's) Item Number

Note 1:
*Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

 Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.*

SLN18	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

SLN19	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 549, Included: 17)

Code Name

BO Buyers Color

CA Case

CG Commodity Grouping

CM National Retail Federation Color Code

Note 1:
This is the three-digit NRF code.

Code Name

See External Code Source 88 in Section III for reference document.

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

IB International Standard Book Number (ISBN)

IN Buyer's Item Number

IT Buyer's Style Number

IZ Buyer's Size Code

SM National Retail Federation Size Code

Note 1:

This is the five-digit NRF code.

See External Code Source 88 in Section III for reference document.

SZ Vendor Alphanumeric Size Code

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

VA Vendor's Style Number

VE Vendor Color

VN Vendor's (Seller's) Item Number

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

SLN20	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

SLN21	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 549, Included: 17)

Code Name

BO Buyers Color

CA Case

CG Commodity Grouping

CM National Retail Federation Color Code

Note 1:

This is the three-digit NRF code.

See External Code Source 88 in Section III for reference document.

EN GTIN-13

Code Name

	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
IB	International Standard Book Number (ISBN)
IN	Buyer's Item Number
IT	Buyer's Style Number
IZ	Buyer's Size Code
SM	National Retail Federation Size Code
	Note 1: <i>This is the five-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
SZ	Vendor Alphanumeric Size Code
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
VA	Vendor's Style Number
VE	Vendor Color
VN	Vendor's (Seller's) Item Number

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

SLN22	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

SLN23	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 549, Included: 17)

Code Name

BO	Buyers Color
CA	Case
CG	Commodity Grouping
CM	National Retail Federation Color Code

Note 1:

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

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
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Code Name

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

IB International Standard Book Number (ISBN)

IN Buyer's Item Number

IT Buyer's Style Number

IZ Buyer's Size Code

SM National Retail Federation Size Code

Note 1:

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

SZ Vendor Alphanumeric Size Code

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

VA Vendor's Style Number

VE Vendor Color

VN Vendor's (Seller's) Item Number

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

SLN24	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

SLN25	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 549, Included: 17)

Code Name

BO Buyers Color

CA Case

CG Commodity Grouping

CM National Retail Federation Color Code

Note 1:

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

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

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

IB International Standard Book Number (ISBN)
 IN Buyer's Item Number
 IT Buyer's Style Number
 IZ Buyer's Size Code
 SM National Retail Federation Size Code

Note 1:

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

SZ Vendor Alphanumeric Size Code
 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

VA Vendor's Style Number
 VE Vendor Color
 VN Vendor's (Seller's) Item Number

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

SLN26	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

SLN27	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 549, Included: 17)

Code Name

BO Buyers Color
 CA Case
 CG Commodity Grouping
 CM National Retail Federation Color Code

Note 1:

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

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

IB International Standard Book Number (ISBN)

Code Name

IN	Buyer's Item Number
IT	Buyer's Style Number
IZ	Buyer's Size Code
SM	National Retail Federation Size Code

Note 1:

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

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

VA	Vendor's Style Number
VE	Vendor Color
VN	Vendor's (Seller's) Item Number

Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

SLN28	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

Syntax Rules:

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

Semantics:

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

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3. SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

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: 1

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	Number of Line Items	M	N0	1/6	Must use

Description: Total number of line items in the transaction set

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

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	Number of Included Segments	M	N0	1/10	Must use

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

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

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

Comments:

1. SE is the last segment of each transaction set.