

855 Purchase Order Acknowledgment

Introduction

The purpose of this section is to present and explain the application of the ASC X12 standards as they pertain to the retail purchase order acknowledgment.

Within the retail industry, there are two distinct uses for the Purchase Order Acknowledgment Transaction Set (855). The first is the traditional acknowledgment of a retailer's purchase order as submitted via a Purchase Order Transaction Set (850). The seller can use the 855 transaction set to acknowledge the retailer's purchase order with no change or to initiate changes or cancellations in response to the retailer's purchase order.



The second usage is notification of a vendor generated replenishment order. This usage advises a retailer that the vendor has or will ship merchandise as prearranged in their partnership. The transaction set can also be used by the seller to:

- cancel a vendor generated replenishment order
- make changes to a vendor generated replenishment order

When used as a replacement, the original order must be replaced in its entirety. An 855 transaction set cancellation may be required by the buyer as a first step to allow the removal of a purchase order from their system.

The combination of the transaction set purpose code in BAK01 and the acknowledgement type code in BAK02 delineates the purpose and requested action of the document. The explanatory VICS notes in this document are preceded by an identification of this distinct purpose when necessary (e.g., NOTIFICATION or ACKNOWLEDGMENT). The replenishment acknowledgement can be used to create an open order or to update on-order information within the retailer's system for the purpose of shipment adjudication or other processes normally associated with on-order data. The replenishment acknowledgement is not a Ship Notice/ Manifest (SNM), nor shall it be used in place of the Ship Notice/Manifest. Prior agreements have been established between trading partners in creating modeling rules and parameters. The replenishment acknowledgement does not require approval or acceptance by the buyer when used in a vendor managed inventory environment.

Canadian Guideline Legend:

- >> >> in the left-hand margin indicates that the element must be used (mandatory).
The absence of a symbol in the left hand margin indicates that the element is optional
- X X in the left-hand margin indicates that this element is not used.
-  This symbol indicates that the element or code is only available for ECR applications or that the note is applicable to ECR.
- R_x This symbol indicates that the element or code is only available for ECRx applications or that the note is applicable to ECRx.
-  This symbol indicates that the element or code is only available for EFR applications or that the note is applicable to EFR.
- NOT USED BY CANADIAN INDUSTRY** This element/or code is open to satisfy VICS notes and/or comments, but is not used in Canadian applications

855 Purchase Order Acknowledgment

Functional Group ID=**PR**

Introduction:

This Draft Standard for Trial Use 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.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
Not Used	040	CUR	Currency	O	1		
	050	REF	Reference Identification	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
Not Used	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
Not Used	110	CSH	Sales Requirements	O	1		
LOOP ID - SAC						25	
Not Used	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	125	CUR	Currency	O	1		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
Not Used	145	INC	Installment Information	O	1		
	150	DTM	Date/Time Reference	O	10		
Not Used	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	185	SI	Service Characteristic Identification	O	>1		
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
Not Used	210	PWK	Paperwork	O	25		
Not Used	220	PKG	Marking, Packaging, Loading	O	25		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		

Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	270	MAN	Marks and Numbers	O	10
Not Used	275	TXI	Tax Information	O	>1
Not Used	277	CTB	Restrictions/Conditions	O	>1
LOOP ID - N9					1000
Not Used	280	N9	Reference Identification	O	1
Not Used	285	DTM	Date/Time Reference	O	>1
Not Used	290	MSG	Message Text	O	1000
LOOP ID - N1					200
	300	N1	Name	O	1
	310	N2	Additional Name Information	O	2
	320	N3	Address Information	O	2
	330	N4	Geographic Location	O	1
Not Used	335	NX2	Location ID Component	O	>1
Not Used	340	REF	Reference Identification	O	12
Not Used	350	PER	Administrative Communications Contact	O	>1
Not Used	355	SI	Service Characteristic Identification	O	>1
Not Used	360	FOB	F.O.B. Related Instructions	O	1
Not Used	370	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	380	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	390	TD3	Carrier Details (Equipment)	O	12
Not Used	400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	410	PKG	Marking, Packaging, Loading	O	25
Not Used	420	MSG	Message Text	O	>1
LOOP ID - ADV					>1
Not Used	430	ADV	Advertising Demographic Information	O	1
Not Used	440	DTM	Date/Time Reference	O	>1
Not Used	450	MTX	Text	O	>1

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - PO1					100000	
	010	PO1	Baseline Item Data	O	1	n2
Not Used	015	LIN	Item Identification	O	>1	
Not Used	018	SI	Service Characteristic Identification	O	>1	
Not Used	020	CUR	Currency	O	1	
Not Used	030	PO3	Additional Item Detail	O	25	
	040	CTP	Pricing Information	O	>1	
Not Used	045	PAM	Period Amount	O	10	
Not Used	049	MEA	Measurements	O	40	
LOOP ID - PID					1000	
Not Used	050	PID	Product/Item Description	O	1	
Not Used	060	MEA	Measurements	O	10	
Not Used	070	PWK	Paperwork	O	25	
	090	PO4	Item Physical Details	O	>1	
Not Used	100	REF	Reference Identification	O	>1	
Not Used	110	PER	Administrative Communications Contact	O	3	

LOOP ID - SAC			25	
	130	SAC	Service, Promotion, Allowance, or Charge Information	O 1
Not Used	135	CUR	Currency	O 1
Not Used	140	IT8	Conditions of Sale	O 1
Not Used	142	CSH	Sales Requirements	O >1
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O 2
Not Used	160	DIS	Discount Detail	O 20
Not Used	165	INC	Installment Information	O 1
Not Used	170	TAX	Tax Reference	O >1
Not Used	180	FOB	F.O.B. Related Instructions	O >1
	190	SDQ	Destination Quantity	O 500
Not Used	200	DTM	Date/Time Reference	O 10
Not Used	210	LDT	Lead Time	O 12
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O 1
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O 12
Not Used	250	TD3	Carrier Details (Equipment)	O 12
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O 5
LOOP ID - ACK			104	
	270	ACK	Line Item Acknowledgment	O 1
Not Used	280	DTM	Date/Time Reference	O 1
Not Used	290	MAN	Marks and Numbers	O 10
Not Used	293	AMT	Monetary Amount	O 1 n3
Not Used	295	CTB	Restrictions/Conditions	O >1
Not Used	296	TXI	Tax Information	O >1
LOOP ID - QTY			>1	
Not Used	300	QTY	Quantity	O 1
Not Used	302	SI	Service Characteristic Identification	O >1
LOOP ID - PKG			200	
Not Used	303	PKG	Marking, Packaging, Loading	O 1
Not Used	305	MEA	Measurements	O >1
LOOP ID - SCH			200	
Not Used	310	SCH	Line Item Schedule	O 1 n4
Not Used	315	TD1	Carrier Details (Quantity and Weight)	O 2
Not Used	320	TD5	Carrier Details (Routing Sequence/Transit Time)	O 12
Not Used	330	TD3	Carrier Details (Equipment)	O 12
Not Used	340	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O 5
Not Used	345	REF	Reference Identification	O >1
LOOP ID - N9			1000	
Not Used	350	N9	Reference Identification	O 1
Not Used	355	DTM	Date/Time Reference	O >1
Not Used	360	MSG	Message Text	O 1000
LOOP ID - N1			200	
Not Used	370	N1	Name	O 1
Not Used	380	N2	Additional Name Information	O 2
Not Used	390	N3	Address Information	O 2
Not Used	400	N4	Geographic Location	O 1

Not Used	405	NX2	Location ID Component	O	>1
Not Used	410	REF	Reference Identification	O	12
Not Used	420	PER	Administrative Communications Contact	O	3
Not Used	425	SI	Service Characteristic Identification	O	>1
Not Used	426	DTM	Date/Time Reference	O	1
Not Used	430	FOB	F.O.B. Related Instructions	O	1
Not Used	435	SCH	Line Item Schedule	O	200
Not Used	440	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	450	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	460	TD3	Carrier Details (Equipment)	O	12
Not Used	470	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	475	QTY	Quantity	O	>1
Not Used	480	PKG	Marking, Packaging, Loading	O	25
LOOP ID - SLN					1000
	490	SLN	Subline Item Detail	O	1
Not Used	495	MSG	Message Text	O	>1
Not Used	500	SI	Service Characteristic Identification	O	>1
Not Used	510	PID	Product/Item Description	O	1000
Not Used	520	PO3	Additional Item Detail	O	25
Not Used	522	CTP	Pricing Information	O	25
Not Used	523	PAM	Period Amount	O	10
Not Used	530	ACK	Line Item Acknowledgment	O	104
LOOP ID - SAC					10
Not Used	540	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	545	CUR	Currency	O	1
Not Used	550	DTM	Date/Time Reference	O	10
Not Used	554	PO4	Item Physical Details	O	1
Not Used	557	TAX	Tax Reference	O	3
Not Used	558	ADV	Advertising Demographic Information	O	>1
LOOP ID - QTY					>1
Not Used	559	QTY	Quantity	O	1
Not Used	561	SI	Service Characteristic Identification	O	>1
LOOP ID - N9					>1
Not Used	563	N9	Reference Identification	O	1
Not Used	564	DTM	Date/Time Reference	O	>1
Not Used	565	MSG	Message Text	O	>1
LOOP ID - N1					10
Not Used	576	N1	Name	O	1
Not Used	578	N2	Additional Name Information	O	2
Not Used	580	N3	Address Information	O	2
Not Used	590	N4	Geographic Location	O	1
Not Used	600	NX2	Location ID Component	O	>1
Not Used	610	REF	Reference Identification	O	12
Not Used	620	PER	Administrative Communications Contact	O	3
Not Used	625	SI	Service Characteristic Identification	O	>1

Summary:

Pos. Seg. Req. Loop Notes and

855.004010

5

<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Max.Use</u>	<u>Repeat</u>	<u>Comments</u>
		LOOP ID - CTT			1	
010	CTT	Transaction Totals	O	1		n5
Not Used	020	AMT	O	1		n6
Must Use	030	SE	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. PO102 is required.
3. If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.
4. 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.
5. 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.
6. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 855 Purchase Order Acknowledgment M ID 3/3
>>	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group. M AN 4/9

Segment: **BAK** Beginning Segment for Purchase Order Acknowledgment
Position: 020
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

- 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.

Comments:

Notes:

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

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

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

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	BAK01	353 Transaction Set Purpose Code	M ID 2/2
		Code identifying purpose of transaction set	
		00 Original	
			NOTIFICATION: If XQ01, in Transaction Set 852, contains code G, BAK01 will contain code 00. ACKNOWLEDGMENT: This is the original acknowledgment.
		01 Cancellation	
			NOTIFICATION: Cancel the vendor-generated replenishment order. The canceled purchase order number is not available for reuse until reissued within the normal business cycle. ACKNOWLEDGMENT: Cancels the retailer's purchase order.
		05 Replace	
			NOTIFICATION: The previously transmitted vendor-generated replenishment order has changed and should be replaced (re-transmitted) in its entirety. ACKNOWLEDGMENT: This code is not valid for regular acknowledgments.
		16 Proposed	
			NOTIFICATION: If XQ01, in Transaction Set 852, contains code F, BAK01 will contain code 16. ACKNOWLEDGMENT: This code is not valid for regular acknowledgments.
		19 Seller initiated change	
			NOTIFICATION: This code is not valid for notification of vendor-generated replenishment orders. ACKNOWLEDGMENT: Change the retailer's purchase order.
>>	BAK02	587 Acknowledgment Type	M ID 2/2

Code specifying the type of acknowledgment

Codes AC, AD, AE, AK and RJ may only be used for acknowledgments to a retailer's purchase order. Code AP may only be used to indicate a vendor-generated replenishment acknowledgment (notification).

AC	Acknowledge - With Detail and Change
	Full purchase order detail must be transmitted
AD	Acknowledge - With Detail, No Change
AE	Acknowledge - With Exception Detail Only
	Only transmit details of change
AK	Acknowledge - No Detail or Change
AP	Acknowledge - Product Replenishment
RJ	Rejected – No Detail

>>	BAK03	324	Purchase Order Number	M	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			NOTIFICATION: Purchase order numbers are negotiable as part of trading partner relationships and can be pre-assigned in XPO01 or XPO02 in Transaction Set 852.		
>>	BAK04	373	Date	M	DT 8/8
			Date expressed as CCYYMMDD		
			NOTIFICATION: The date the replenished order was created from the suppliers modeling system		
X	BAK05	328	Release Number	O	AN 1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction		
X	BAK06	326	Request Reference Number	O	AN 1/45
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)		
X	BAK07	367	Contract Number	O	AN 1/30
			Contract number		
X	BAK08	127	Reference Identification	O	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
X	BAK09	373	Date	O	DT 8/8
			Date expressed as CCYYMMDD		
X	BAK10	640	Transaction Type Code	O	ID 2/2
			Code specifying the type of transaction		

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading:
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

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

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

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	REF01	128 Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
		D3 National Association of Boards of Pharmacy Number Canadian ECR: This code has been approved by the VICS EDI SMC and will be permitted for use in version 004020. Use of this code is permitted prior to version 004020 by trading partner agreement.	
		DP Department Number	
		IA Internal Vendor Number Identification number assigned to the vendor, by the retailer, for use within the retailer's system	
		IT Internal Customer Number Identification number assigned to the retailer, by the vendor, for use within the vendor's system	
>>	REF02	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C AN 1/30
X	REF03	352 Description A free-form description to clarify the related data elements and their content	C AN 1/80
X	REF04	C040 Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O

Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading:
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:
Comments:
Notes: This segment is used to specify order processing dates.

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		001 Cancel After	
			If the order has not been shipped by this date, the order is considered canceled
		002 Delivery Requested	
		010 Requested Ship	
		068 Current Schedule Ship	
		086 Scheduled for Shipment (Week of)	
		118 Requested Pickup	
			Canadian EFR note This has been approved by the VICS EDI SMC for use in VICS EDI version 004020. Use prior to version 004020 through trading partner agreement only.
>>	DTM02	373 Date	C DT 8/8
		Date expressed as CCYYMMDD	
X	DTM03	337 Time	C TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
X	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
X	DTM05	1250 Date Time Period Format Qualifier	C ID 2/3
		Code indicating the date format, time format, or date and time format	
X	DTM06	1251 Date Time Period	C AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **N1** Name

Position: 300

Loop: N1 Optional

Level: Heading:

Usage: Optional

Max Use: 1

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

Syntax Notes:

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

Semantic Notes:

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.

Notes: The SDQ segment specifies the retailer's buying locations. Therefore, code BY is not used in the N1 segment for the spreadsheet purchase order.

It is assumed the supplier has the bill-to and ship-to data for all of the retailer's buying locations. Therefore, this segment is normally not used. If either the bill-to or ship-to locations are to be overridden, this segment is used to specify those locations. CAUTION, this will override every bill to or ship to for every buying location in the SDQ segments.

N103 and N104 are required except when N101 contains code MA or OB.

In some EDI implementations, it may be necessary to identify the sender and/or receiver of the transaction set within each transaction set. To identify the sender of the transaction set, N101 will contain code FR, N103 will contain code 93, and N104 will contain the actual identification number. To identify the receiver of the transaction set, N101 will contain code TO, N103 will contain code 94, and N104 will contain the actual identification number. These four codes may be used only in the combination listed above and may be used only to identify the sender and/or receiver of the transaction set.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>> N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	M ID 2/3
		BS Bill and Ship To	
		BT Bill-to-Party	
		BY Buying Party (Purchaser)	
		FR Message From	
		MA Party for whom Item is Ultimately Intended	
		OB Ordered By	
		SF Ship From	
		ST Ship To	
		TO Message To	
N102	93	Name Free-form name	C AN 1/60
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	C ID 1/2
	1	D-U-N-S Number, Dun & Bradstreet	



	9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
R_x	21	Health Industry Number (HIN) Canadian ECRx: This has been approved by the VICS EDI SMC for use in VICS EDI version 004020. Use prior to version 004020 through trading partner agreement only.
	91	Assigned by Seller or Seller's Agent
	92	Assigned by Buyer or Buyer's Agent
	93	Code assigned by the organization originating the transaction set NOT USED BY CANADIAN INDUSTRY
	94	Code assigned by the organization that is the ultimate destination of the transaction set NOT USED BY CANADIAN INDUSTRY
	UL	UCC/EAN Location Code A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system.

N104 67 Identification Code C AN 2/80

Code identifying a party or other code

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.

X N105 706 Entity Relationship Code O ID 2/2

Code describing entity relationship

X N106 98 Entity Identifier Code O ID 2/3

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

Segment: **N2** Additional Name Information
Position: 310
Loop: N1 Optional
Level: Heading:
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>> N201	93	Name Free-form name	M AN 1/60
N202	93	Name Free-form name	O AN 1/60

Segment: **N3** Address Information
Position: 320
Loop: N1 Optional
Level: Heading:
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	N301	166	Address Information Address information	M AN 1/55
R _x	N302	166	Address Information Address information	O AN 1/55

Segment: **N4 Geographic Location**
Position: 330
Loop: N1 Optional
Level: Heading:
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country CA Canada MX Mexico US USA	O ID 2/3
X	N405	309 Location Qualifier Code identifying type of location	C ID 1/2
X	N406	310 Location Identifier Code which identifies a specific location	O AN 1/30

Segment: **PO1** **Baseline Item Data**
Position: 010
Loop: PO1 Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:

- 1 If PO103 is present, then PO102 is required.
- 2 If PO105 is present, then PO104 is required.
- 3 If either PO106 or PO107 is present, then the other is required.
- 4 If either PO108 or PO109 is present, then the other is required.
- 5 If either PO110 or PO111 is present, then the other is required.
- 6 If either PO112 or PO113 is present, then the other is required.
- 7 If either PO114 or PO115 is present, then the other is required.
- 8 If either PO116 or PO117 is present, then the other is required.
- 9 If either PO118 or PO119 is present, then the other is required.
- 10 If either PO120 or PO121 is present, then the other is required.
- 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments:

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 PO101 is the line item identification.
- 3 PO106 through PO125 provide for ten different product/service IDs per each item.
For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: The codes listed for PO106 apply to every occurrence of Data Element 235 in the PO1 segment.

See Section III for complete U.P.C. and EAN code definitions.

Data Element Summary

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
X	PO101	350	Assigned Identification O AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set
>>	PO102	330	Quantity Ordered C R 1/15 Quantity ordered
>>	PO103	355	Unit or Basis for Measurement Code C ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list. CA Case EA Each PL Pallet/Unit Load
	PO104	212	Unit Price C R 1/17 Price per unit of product, service, commodity, etc. The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29". To indicate free goods, use a single zero (0) in PO104 and code NC in PO105. Canadian ECR/ECRx strongly recommends that all pricing is transmitted in the CTP segment.
	PO105	639	Basis of Unit Price Code O ID 2/2 Code identifying the type of unit price for an item This data element is used to clarify or alter the basis of unit price. The unit

price expressed in PO104 is always in the same terms as the unit of measure in PO103, unless otherwise specified in PO105.

LD	Catalog Price per Dozen
LE	Catalog Price per Each
NC	No Charge
PO	Price per Ounce
PP	Price per Pound
PR	Promotion
QT	Quoted
RD	Retail Price per Dozen
RE	Retail Price per Each
TD	Contract Price per Dozen
TE	Contract Price per Each
WD	Wholesale Price per Dozen
WE	Wholesale Price per Each

PO106 235 Product/Service ID Qualifier C ID 2/2

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

Canadian ECR: After database reengineering, it is strongly recommended that trading partners adopt "UK" for product identification.

EN European Article Number (EAN) (2-5-5-1)

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

Canadian ECR: "UA" is not recommended for new applications. It is being phased out.

UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)

Canadian ECR: After database reengineering, it is strongly recommended that trading partners adopt "UK" for product identification.

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

UP U.P.C. Consumer Package Code (1-5-5-1)

PO107 234 Product/Service ID C AN 1/48

Identifying number for a product or service

PO108 235 Product/Service ID Qualifier C ID 2/2

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

PO109 234 Product/Service ID C AN 1/48

Identifying number for a product or service

PO110 235 Product/Service ID Qualifier C ID 2/2

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

PO111 234 Product/Service ID C AN 1/48

Identifying number for a product or service

PO112 235 Product/Service ID Qualifier C ID 2/2

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

PO113 234 Product/Service ID C AN 1/48

Identifying number for a product or service

PO114 235 Product/Service ID Qualifier C ID 2/2

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

PO115 234 Product/Service ID C AN 1/48

Identifying number for a product or service

PO116 235 Product/Service ID Qualifier C ID 2/2

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

Segment: **CTP Pricing Information**

Position: 040

Loop: PO1 Optional

Level: Detail:

Usage: Optional

Max Use: >1

Purpose: To specify pricing information

Syntax Notes:

- 1 If either CTP04 or CTP05 is present, then the other is required.
- 2 If CTP06 is present, then CTP07 is required.
- 3 If CTP09 is present, then CTP02 is required.
- 4 If CTP10 is present, then CTP02 is required.
- 5 If CTP11 is present, then CTP03 is required.

Semantic Notes:

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



Canadian ECR/ECRx/EFR must use the CTP segment to transmit all pricing information.



Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
X	CTP01	687	Class of Trade Code Code indicating class of trade	O ID 2/2
			AG Agent	
			BG Buying Group	
			DE Dealer	
			DI Distributor	
			RS Resale	
>>	CTP02	236	Price Identifier Code Code identifying pricing specification	C ID 3/3
			OPP Original Purchase Order Price	
			UCP Unit cost price	
			Item list cost	
			Canadian EFR: This has been approved by the VICS EDI SMC for use in VICS EDI version 004020. Use prior to version 004020 through trading partner agreement only.	
			Canadian ECR/ECRx/EFR: Unit price in the CTPO2 is dependant on how the product is ordered (i.e. if the product is ordered by the case, then the pricing in CTP02 is price per case)	
>>	CTP03	212	Unit Price Price per unit of product, service, commodity, etc.	O R 1/17
			The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".	
	CTP04	380	Quantity Numeric value of quantity	X R 1/15
	CTP05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X













>>	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	M	ID 2/2
X	C00102	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
X	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
X	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
X	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
X	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	CTP06	648	Price Multiplier Qualifier Code indicating the type of price multiplier	O	ID 3/3
X	CTP07	649	Multiplier Value to be used as a multiplier to obtain a new value	X	R 1/10
X	CTP08	782	Monetary Amount Monetary amount	O	R 1/18
X	CTP09	639	Basis of Unit Price Code Code identifying the type of unit price for an item	O	ID 2/2
X	CTP10	499	Condition Value Identifies rate restrictions or provisions	O	AN 1/10
X	CTP11	289	Multiple Price Quantity Quantity of units for a given price, e.g., 3 for \$10.00	O	N0 1/2

Segment:	PO4 Item Physical Details
Position:	090
Loop:	PO1 Optional
Level:	Detail:
Usage:	Optional
Max Use:	>1
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:	<ol style="list-style-type: none"> 1 If either PO402 or PO403 is present, then the other is required. 2 If PO405 is present, then PO406 is required. 3 If either PO406 or PO407 is present, then the other is required. 4 If either PO408 or PO409 is present, then the other is required. 5 If PO410 is present, then PO413 is required. 6 If PO411 is present, then PO413 is required. 7 If PO412 is present, then PO413 is required. 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required. 9 If PO417 is present, then PO416 is required. 10 If PO418 is present, then PO404 is required.
Semantic Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 1 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. 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.
Notes:	<p>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.</p> <p>This segment can be used also to specify the weight and/or volume (cube) for the item by using PO406 and PO407, and/or PO408 and PO409.</p>

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>O</u> <u>N</u> <u>1/8</u>
PO401	356 Pack	
	The number of inner containers, or number of eaches if there are no inner containers, per outer container	
 R _x PO402	357 Size	C R 1/8
	Size of supplier units in pack	
	Canadian EFR/ECRx note: This element is has been approved by the VICS EDI SMC for use in version 004020. Use prior to 004020 through trading partner agreement only..	
 R _x PO403	355 Unit or Basis for Measurement Code	C ID 2/2
	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

Canadian EFR/ECRx note: This element is has been approved by the VICS EDI SMC for use in version 004020. Use prior to 004020 through trading partner agreement only..

X	PO404	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required	C	AN 3/5
X	PO405	187	Weight Qualifier Code defining the type of weight	O	ID 1/2
	PO406	384	Gross Weight per Pack Numeric value of gross weight per pack	C	R 1/9
	  		NOT USED BY CANADIAN INDUSTRY		
	PO407	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID 2/2
	  		NOT USED BY CANADIAN INDUSTRY		
	PO408	385	Gross Volume per Pack Numeric value of gross volume per pack	C	R 1/9
	  		NOT USED BY CANADIAN INDUSTRY		
	PO409	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID 2/2
	  		NOT USED BY CANADIAN INDUSTRY		
X	PO410	82	Length Largest horizontal dimension of an object measured when the object is in the upright position	C	R 1/8
X	PO411	189	Width Shorter measurement of the two horizontal dimensions measured with the object in the upright position	C	R 1/8
X	PO412	65	Height Vertical dimension of an object measured when the object is in the upright position	C	R 1/8
X	PO413	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID 2/2
	PO414	810	Inner Pack The number of eaches per inner container	O	N0 1/6
X	PO415	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O	ID 2/2
X	PO416	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	C	AN 1/20
X	PO417	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O	AN 1/20
X	PO418	1470	Number A generic number	O	N0 1/9

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 130
Loop: SAC Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.
 - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 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. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
 - 7 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 to further the code in 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.

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

SAC03 contains special service requirement codes and special processing codes. This code list is maintained by the VICS EDI SMC and is located in Section III of this guideline.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
>> SAC01	248	Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		C Charge	
		N No Allowance or Charge	
		R Allowance Request	
SAC02	1300	Service, Promotion, Allowance, or Charge Code	C ID 4/4
		Code identifying the service, promotion, allowance, or charge	

See Section III for code list.

SAC03	559	Agency Qualifier Code	C	ID 2/2	
		Code identifying the agency assigning the code values			
		VI Voluntary Inter-Industry Commerce Standard (VICS) EDI			
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	C	AN 1/10	
		Agency maintained code identifying the service, promotion, allowance, or charge			
		See Section III for code list.			
SAC05	610	Amount	O	N2 1/15	
		Monetary amount			
		When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.			
SAC06	378	Allowance/Charge Percent Qualifier	C	ID 1/1	
		Code indicating on what basis allowance or charge percent is calculated			
		1 Item List Cost			
		2 Item Net Cost			
		3 Discount/Gross			
		All allowances are off the gross price including cash discount.			
		4 Discount/Net			
		All allowances are off the gross price. Cash discounts are off the net.			
		5 Base Price per Unit			
		Line item discount			
		6 Base Price Amount			
		7 Base Price Amount Less Previous Discount			
		Declining balance method			
SAC07	332	Percent	C	R 1/6	
		Percent expressed as a percent			
		The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".			
SAC08	118	Rate	O	R 1/9	
		Rate expressed in the standard monetary denomination for the currency specified			
SAC09	355	Unit or Basis for Measurement Code	C	ID 2/2	
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		CA Case			
		EA Each			
		PL Pallet/Unit Load			
SAC10	380	Quantity	C	R 1/15	
		Numeric value of quantity			
		When SAC02 contains code D170, this data element is required and will contain the quantity of free goods. The unit of measure is in SAC09.			
		SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to the service, promotion, allowance, or charge.			
X	SAC11	380	Quantity	O	R 1/15
		Numeric value of quantity			

SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
		Code indicating method of handling for an allowance or charge		
	01	Bill Back		
		The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.		
	02	Off Invoice		
		The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.		
	03	Vendor Check to Customer		
		The vendor will issue a check directly to the customer of the retailer, or end consumer, for the allowance or charge amount. The amount is not reflected in the total invoice amount.		
	04	Credit Customer Account		
		The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.		
	05	Charge to be Paid by Vendor		
		The vendor is responsible for the allowance or charge amount. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.		
	06	Charge to be Paid by Customer		
		When the order/item is a direct ship to the customer, or end consumer of the retailer, the allowance or charge amount is the responsibility of the customer or end consumer. If it is not a drop ship to the customer of the retailer, then the allowance or charge amount is the responsibility of the retailer. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.		
SAC13	127	Reference Identification	C	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		Tax Registration Number		
X	SAC14	770	Option Number	O AN 1/20
		A unique number identifying available promotion or allowance options when more than one is offered		
	SAC15	352	Description	C AN 1/80
		A free-form description to clarify the related data elements and their content		
	SAC16	819	Language Code	O ID 2/3
		Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)		

Segment: **SDQ** Destination Quantity

Position: 190

Loop: PO1 Optional

Level: Detail:

Usage: Optional

Max Use: 500

Purpose: To specify destination and quantity detail

Syntax Notes:

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

Semantic Notes:

- 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.

Notes: This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103, and all occurrences of Data Element 67 in this segment function as N104. The SDQ segment functions as an N1 segment containing code BY in N101, that is, the SDQ segment specifies various buying locations. The N1 segment, in the basic order, specifies only one location.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	SDQ01	355 Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		CA Case	
		EA Each	
		PL Pallet/Unit Load	
>>	SDQ02	66 Identification Code Qualifier	O ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		R _x 21 Health Industry Number (HIN)	
		Canadian ECR _x : This has been approved by the VICS EDI SMC for use in VICS EDI version 004020. Use prior to version 004020 through trading partner agreement only.	
		91 Assigned by Seller or Seller's Agent	
		92 Assigned by Buyer or Buyer's Agent	
		UL UCC/EAN Location Code	
		A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system.	
>>	SDQ03	67 Identification Code	M AN 2/80

			Code identifying a party or other code		
>>	SDQ04	380	Quantity Numeric value of quantity	M	R 1/15
			R_x	Canadian ECR/ECR _x /EFR: If other locations, repeat 67/380 pairs as necessary.	
	SDQ05	67	Identification Code Code identifying a party or other code	C	AN 2/80
	SDQ06	380	Quantity Numeric value of quantity	C	R 1/15
	SDQ07	67	Identification Code Code identifying a party or other code	C	AN 2/80
	SDQ08	380	Quantity Numeric value of quantity	C	R 1/15
	SDQ09	67	Identification Code Code identifying a party or other code	C	AN 2/80
	SDQ10	380	Quantity Numeric value of quantity	C	R 1/15
	SDQ11	67	Identification Code Code identifying a party or other code	C	AN 2/80
	SDQ12	380	Quantity Numeric value of quantity	C	R 1/15
	SDQ13	67	Identification Code Code identifying a party or other code	C	AN 2/80
	SDQ14	380	Quantity Numeric value of quantity	C	R 1/15
	SDQ15	67	Identification Code Code identifying a party or other code	C	AN 2/80
	SDQ16	380	Quantity Numeric value of quantity	C	R 1/15
	SDQ17	67	Identification Code Code identifying a party or other code	C	AN 2/80
	SDQ18	380	Quantity Numeric value of quantity	C	R 1/15
	SDQ19	67	Identification Code Code identifying a party or other code	C	AN 2/80
	SDQ20	380	Quantity Numeric value of quantity	C	R 1/15
	SDQ21	67	Identification Code Code identifying a party or other code	C	AN 2/80
	SDQ22	380	Quantity Numeric value of quantity	C	R 1/15
X	SDQ23	310	Location Identifier Code which identifies a specific location	O	AN 1/30

Segment: **ACK** Line Item Acknowledgment

Position: 270

Loop: ACK Optional

Level: Detail:

Usage: Optional

Max Use: 1

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

Syntax Notes:

- 1 If either ACK02 or ACK03 is present, then the other is required.
- 2 If ACK04 is present, then ACK05 is required.
- 3 If either ACK07 or ACK08 is present, then the other is required.
- 4 If either ACK09 or ACK10 is present, then the other is required.
- 5 If either ACK11 or ACK12 is present, then the other is required.
- 6 If either ACK13 or ACK14 is present, then the other is required.
- 7 If either ACK15 or ACK16 is present, then the other is required.
- 8 If either ACK17 or ACK18 is present, then the other is required.
- 9 If either ACK19 or ACK20 is present, then the other is required.
- 10 If either ACK21 or ACK22 is present, then the other is required.
- 11 If either ACK23 or ACK24 is present, then the other is required.
- 12 If either ACK25 or ACK26 is present, then the other is required.
- 13 If either ACK27 or ACK28 is present, then the other is required.
- 14 If ACK28 is present, then both ACK27 and ACK29 are required.

Semantic Notes:

- 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.

Comments:

Notes:

This segment may be used to indicate that a line item has been accepted, deleted, or changed. Some product production cycles, such as furniture, are long and may have different ship dates than the original purchase order. This segment may be used to inform the originator of the current ship date or that no ship date has been scheduled.

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	ACK01	Line Item Status Code	M ID 2/2
		Code specifying the action taken by the seller on a line item requested by the buyer	
	R _x	BP	Item Accepted - Partial Shipment, Balance Backordered
			Canadian ECR _x : This has been approved by the VICS EDI SMC for use in VICS EDI version 004020. Use prior to version 004020 through trading partner agreement only.
		IA	Item Accepted
	R _x	IB	Item Backordered
			Canadian ECR _x : This has been approved by the VICS EDI SMC for use in VICS EDI version 004020. Use prior to version 004020 through trading partner agreement only.
		IC	Item Accepted - Changes Made
		ID	Item Deleted
			Cancellation of a line item
	R _x	IQ	Item Accepted - Quantity Changed
			Canadian ECR _x : This has been approved by the VICS EDI SMC for use in VICS EDI version 004020. Use prior to version 004020 through trading partner agreement only.
ACK02	380	Quantity	C R 1/15
		Numeric value of quantity	

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

	ACK03	355	Unit or Basis for Measurement Code	C	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			CA Case		
			EA Each		
			PL Pallet/Unit Load		
	ACK04	374	Date/Time Qualifier	O	ID 3/3
			Code specifying type of date or time, or both date and time		
			068 Current Schedule Ship		
			100 No Shipping Schedule Established as of		
	ACK05	373	Date	C	DT 8/8
			Date expressed as CCYYMMDD		
X	ACK06	326	Request Reference Number	O	AN 1/45
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)		
X	ACK07	235	Product/Service ID Qualifier	C	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	ACK08	234	Product/Service ID	C	AN 1/48
			Identifying number for a product or service		
X	ACK09	235	Product/Service ID Qualifier	C	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	ACK10	234	Product/Service ID	C	AN 1/48
			Identifying number for a product or service		
X	ACK11	235	Product/Service ID Qualifier	C	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	ACK12	234	Product/Service ID	C	AN 1/48
			Identifying number for a product or service		
X	ACK13	235	Product/Service ID Qualifier	C	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	ACK14	234	Product/Service ID	C	AN 1/48
			Identifying number for a product or service		
X	ACK15	235	Product/Service ID Qualifier	C	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	ACK16	234	Product/Service ID	C	AN 1/48
			Identifying number for a product or service		
X	ACK17	235	Product/Service ID Qualifier	C	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	ACK18	234	Product/Service ID	C	AN 1/48
			Identifying number for a product or service		
X	ACK19	235	Product/Service ID Qualifier	C	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
X	ACK20	234	Product/Service ID	C	AN 1/48
			Identifying number for a product or service		
X	ACK21	235	Product/Service ID Qualifier	C	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

X	ACK22	234	Product/Service ID Identifying number for a product or service	C	AN 1/48
X	ACK23	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID 2/2
X	ACK24	234	Product/Service ID Identifying number for a product or service	C	AN 1/48
X	ACK25	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID 2/2
X	ACK26	234	Product/Service ID Identifying number for a product or service	C	AN 1/48
X	ACK27	559	Agency Qualifier Code Code identifying the agency assigning the code values	C	ID 2/2
X	ACK28	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	C	AN 1/15
X	ACK29	1271	Industry Code Code indicating a code from a specific industry code list	C	AN 1/30

Segment:	SLN Subline Item Detail
Position:	490
Loop:	SLN Optional
Level:	Detail:
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either SLN04 or SLN05 is present, then the other is required. 2 If SLN07 is present, then SLN06 is required. 3 If SLN08 is present, then SLN06 is required. 4 If either SLN09 or SLN10 is present, then the other is required. 5 If either SLN11 or SLN12 is present, then the other is required. 6 If either SLN13 or SLN14 is present, then the other is required. 7 If either SLN15 or SLN16 is present, then the other is required. 8 If either SLN17 or SLN18 is present, then the other is required. 9 If either SLN19 or SLN20 is present, then the other is required. 10 If either SLN21 or SLN22 is present, then the other is required. 11 If either SLN23 or SLN24 is present, then the other is required. 12 If either SLN25 or SLN26 is present, then the other is required. 13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	<p>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.</p> <p>If SLN03 contains code D or code I, then SLN04 and SLN05 are required.</p> <p>The codes listed for SLN09 apply to every occurrence of Data Element 235 in the SLN segment.</p> <p>See Section III for complete U.P.C. and EAN code definitions.</p>

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	SLN01	350 Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	M AN 1/20
X	SLN02	350 Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
>>	SLN03	662 Relationship Code Code indicating the relationship between entities	M ID 1/1
		D Delete	
		I Included	
		S Substituted	

	SLN04	380	Quantity Numeric value of quantity	C	R 1/15
	SLN05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	C	
>>	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	M	ID 2/2
X	C00102	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
X	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
X	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
X	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
X	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
X	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
X	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
	SLN06	212	Unit Price Price per unit of product, service, commodity, etc. The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".	C	R 1/17
	SLN07	639	Basis of Unit Price Code Code identifying the type of unit price for an item This data element is used to clarify or alter the basis of unit price. The unit price expressed in SLN06 is always in the same terms as the unit of measure in SLN05, unless otherwise specified in SLN07.	O	ID 2/2
			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		
X	SLN08	662	Relationship Code		O	ID 1/1
			Code indicating the relationship between entities			
	SLN09	235	Product/Service ID Qualifier		C	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			BO	Buyers Color		
			CB	Buyer's Catalog Number		
				This code will be deleted after Version 004010.		
			CG	Commodity Grouping		
				Coordinates		
			CM	National Retail Merchants Association Color Code		
				This is the three digit NRF code.		
			IB	International Standard Book Number (ISBN)		
			IN	Buyer's Item Number		
			IT	Buyer's Style Number		
			IZ	Buyer's Size Code		
			SM	National Retail Merchants Association Size Code		
				This is the five digit NRF code.		
			SZ	Vendor Alphanumeric Size Code (NRMA)		
				This is the code assigned by the vendor.		
			UG	Drug U.P.C. Consumer Package Code (1-4-6-1)		
			UH	Drug U.P.C. Shipping Container Code (1-2-4-6-1)		
			UI	U.P.C. Consumer Package Code (1-5-5)		
			UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)		
				A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit		
			UP	U.P.C. Consumer Package Code (1-5-5-1)		
			VA	Vendor's Style Number		
			VC	Vendor's (Seller's) Catalog Number		
				This code will be deleted after Version 004010.		
			VE	Vendor Color		
			VN	Vendor's (Seller's) Item Number		
	SLN10	234	Product/Service ID		C	AN 1/48
			Identifying number for a product or service			
	SLN11	235	Product/Service ID Qualifier		C	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
	SLN12	234	Product/Service ID		C	AN 1/48
			Identifying number for a product or service			

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

Segment: **CTT** Transaction Totals
Position: 010
Loop: CTT Optional
Level: Summary:
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	CTT01	354	Number of Line Items Total number of line items in the transaction set The number of PO1 segments present in the transaction set	M N0 1/6
X	CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	O R 1/10
X	CTT03	81	Weight Numeric value of weight	C R 1/10
X	CTT04	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID 2/2
X	CTT05	183	Volume Value of volumetric measure	C R 1/8
X	CTT06	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C ID 2/2
X	CTT07	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80

Segment: **SE** Transaction Set Trailer
Position: 030
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
>>	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
>>	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set This must be the same number as is in the ST segment (ST02) for the transaction set.	M AN 4/9