

Best&Less

EDI Implementation Guide Supplier Information

Electronic Purchase Orders and Purchase Order Change Requests

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Best & Less Electronic Trading

1 Introduction

Electronic Data Interchange or EDI as it will be referred to throughout this document provides a mechanism for businesses to exchange business documents electronically. B2B or Business To Business is the jargon term in current use to describe electronic trading between businesses, but often the implementation of B2B falls short of its aim because the adopted solution is developed solely for the benefit of one business partner.

In seeking to increase the efficiency of its business processes, Best & Less have adopted a B2B standard which is internationally recognised and widely used in the retail industry in Australia. By using the ANSI X12 VICS implementation of EDI, Best & Less have ensured that their supplier community can use existing EDI solutions to receive Purchase Orders and Purchase Order Changes from Best & Less, and in turn send back Advanced Shipping Notices containing details of goods being shipped to Best & Less.

This implementation guide provides specification for the ANSI X12 VICS 3060 standard.

1.1 Purpose of this implementation guide

This Implementation Guide will provide our trading partners with the necessary information to receive Best & Less EDI purchase orders (message type 850) and purchase order amendments (message type 860). A separate Implementation Guide will provide information about the Advance Shipping Notice (message type 856).

1.2 Who should use this guide

This Implementation Guide is intended for use by Best & Less suppliers, referred to in the rest of this document as trading partners. The guide defines the format, content and processing required to send and receive EDI messages and is designed to support the successful implementation of EDI.

1.3 What if you are already using EDI with other trading partners

Contact your EDI solution provider and advise them you wish to trade electronically with Best & Less. Either provide them with a copy of this implementation guide or ask them to call Andrew Roberts, EDI manager at Best & Less on telephone number (02) 9561 3400 who will provide them with the necessary technical documentation.

1.4 What if you don't trade electronically using EDI

There are several companies who can provide EDI software and technical expertise. The company listed below has been engaged by Best & Less to provide consulting and software services for their implementation of EDI, but there are other companies who will also be able to provide software to trade electronically with Best & Less.

Keep in mind that the on-going electronic mailbox costs may over time be more significant than the initial cost of EDI software and that your EDI software supplier needs to be able to provide after sales helpdesk support when required from time to time.

- Double Z Computer Pty Limited Tel. (03) 9521 2188 - EDI advice
Mitchell Dobelsky & Ralph Zwier

1.5 How to get started

The task of moving to electronic trading with Best & Less will involve a number of steps each of which must be completed before moving to the next step.

Step 1

Read through this implementation guide and check that your EDI software is able to receive the Best & Less purchase order and purchase order amendment messages, and that your software is able to send back a functional acknowledgement to Best & Less in response to each EDI document you receive (NB. a single EDI document may contain several EDI messages. eg. one EDI document could contain many purchase order messages).

Step 2

Provide us with the details of your EDI mailbox and your Interchange ID (sometimes referred to as your EDI address) so that an EDI trading partnership can be set up. Refer to Appendix A for further details.

Step 3

We need to ensure that when we send you EDI purchase orders, we use product codes that are mutually understood. To this end we need to synchronize our respective product databases and therefore require you to provide us with an up to date and comprehensive list of the products we order from you and the barcodes or product codes by which they are known.

Step 4

Best & Less will send a test EDI purchase order to you and will expect to receive an EDI functional acknowledgement in response. We will also FAX a copy of the test order showing all details of the test purchase order.

Step 5

An Advance Shipping Notice (ASN) will need to be sent by you back to Best & Less with the test scan pack details. Once this process has been successfully tested, we will start sending live orders to you.

It is our intention that most of our supplier community will move to electronic trading with us via EDI.

2 Sending EDI documents

2.1 How Best & Less order merchandise

Most purchase orders sent via EDI will be for delivery to a central Delivery Centre (DC), but will need to be packed for multiple stores. This means, for example, that a single purchase order may contain order details for 20 products and 50 Best & Less stores. The goods for each individual store will need to be packed into one or more boxes and the entire shipment will be sent to a single delivery point (ie. the delivery centre).

It is also possible for EDI purchase orders to be sent as 'direct to store' orders which means that a single purchase order relates to goods required for a single store, and the purchase order is delivered directly to that store.

The EDI purchase order, message type 850, will contain a purchase order number, a delivery window, Delivery Centre code or store code for delivery, special instructions and a list of products, prices and product quantities as well as the Best & Less contract number and Master SKU for each product. Against each product will be quantities for each store for which the product is to be packed

Ideally the incoming EDI purchase order should be automatically imported into your order entry software application to avoid the need for re-keying of data. The saving in time and the reduction in errors generally justify the software investment required to allow the import of EDI purchase orders into your accounting application.

2.2 When a purchase order is changed

Changes to purchase orders are sent via an EDI message known as a purchase order change request, message type 860. It is able to indicate an order cancellation, a change in the delivery window, a change in special instructions, an addition or reduction in the order quantity, an addition or deletion of an order line and the changing of a product price. A single purchase order change request may include more than one amendment.

2.3 Acknowledgement of Best & Less purchase orders

Best & Less requires a Functional Acknowledgement (FA), message type 997, to be generated by EDI trading partners, each time an electronic document is received. Message types sent by Best & Less are the Purchase Order (PO), message type 850, and Purchase Order Change Request (POC), message type 860.

The purpose of the Functional Acknowledgement message is to provide confirmation to Best & Less of the receipt of the EDI message. While the Functional Acknowledgement authenticates the technical correctness of the EDI message, it does not verify the business information in the message. It only serves to confirm receipt of the EDI message. This is analogous to Registered Mail being sent through Australia

Post which requires a signature from the receiving party as a means of confirming that the mail has reached its destination. However, if there are any concerns about the business content of the EDI message (eg. unknown product codes etc.), it is the responsibility of the trading partner to promptly contact Best & Less. If necessary, Best & Less will arrange for another transmission.

Trading partners must send an FA in response to all electronic purchase orders and purchase order change requests.

2.4 Best & Less and She Lingerie trading partner details

Best & Less use GXS and Zed Plus as their VANs (Value Added Network) for the transmission and receipt of EDI messages. The GXS network provides a gateway to other networks such as the Leadtec network, to enable EDI documents to be sent and received transparently to and from trading partners on other networks.

All transmissions on the GXS network use the EDI Interchange ID - sometimes referred to as the EDI Address - to direct documents to the correct destination, whether to another EDI mailbox on the GXS network, or to a different network.

Best & Less EDI details:

Best & Less Interchange ID:	BESTANDLESS
EDI qualifier	ZZ
Best & Less Application ID:	BESTANDLESS

She Lingerie details:

She Lingerie Interchange ID:	SHELINGERIE
EDI qualifier	ZZ
She Lingerie Application ID:	SHELINGERIE

3 Technical details

3.1 Overview

The following sections outline the formats of the various EDI messages sent by Best & Less and the Functional Acknowledgements received from trading partners. All EDI messages are in the ANSI X12 format.

All EDI messages require an X12 envelope structure and the next section describes the structure and content of the envelope. Subsequent sections describe the two types of purchase order messages sent and the functional acknowledgement message received by Best & Less:

850 VICS 3060	Purchase order
860 VICS 3060	Purchase order change request
997 VICS	Functional acknowledgement

Each section describes the relevant segments and codes used or expected by Best & Less in sending and receiving EDI.

Section 3.3 describes the differences between the way EDI purchase orders are created in this implementation compared to the previous implementation.

3.2 How this version differs from the previous version

The specifications of the EDI 850 Purchase order and 860 Purchase order change messages have changed in this implementation guide, version 1.5, compared to the previous version 1.4, because Best and Less need to transmit a Master SKU for each order line. The Master SKU is a new product reference similar to a product category. It is possible that more than one product could have the same Master SKU. It is also possible that some products will not have any Master SKU.

For the Purchase order message the Master SKU will be transmitted in sub-segments 12 and 13 of the PO1 segment (see page 21). Sub-segment 12 will contain the qualifier “IN” which is a reference to the Buyer's Item Number. Sub-segment 13 will contain the Master SKU.

For the Purchase order change message the Master SKU will be transmitted in sub-segments 14 and 15 of the POC segment (see page 35). Sub-segment 14 will contain the qualifier “IN” which is a reference to the Buyer's Item Number. Sub-segment 15 will contain the Master SKU.

3.3 ANSI X12 envelope structure

This section describes the envelope segments of an X12 document. All X12 documents will contain these segments. There may be one or many X12 messages contained in an X12 document. The structure of an X12 message is described below. All envelope segments must be included in an EDI document:

Segment	Description
ISA	Interchange control header
GS	Functional group header
ST	Transaction set header
.	.
.	.
.	EDI message body
.	.
.	.
SE	Transaction set trailer
ST	Transaction set header
.	.
.	.
.	EDI message body
.	.
.	.
SE	Transaction set trailer
GE	Functional group trailer
IEA	Interchange control trailer

The interchange control structure is common to all the transaction sets.

3.3.1 ISA segment - Interchange control header

The ISA segment marks the start of an EDI document. It is matched by an IEA segment at the end of the document. Only one ISA segment appears in a document and it describes the trading partners involved in the transmission.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Authorization information qualifier	ID	2	2	M	Set to "00" - No authorization information present
2	Authorization Information	AN	10	10	M	Set to 10 spaces
3	Security Information Qualifier	ID	2	2	M	Set to "00" - No security information present
4	Security Information	AN	10	10	M	Set to 10 spaces
5	Interchange ID qualifier	ID	2	2	M	Set to "ZZ" - Mutually defined
6	Interchange sender ID	ID	15	15	M	Sender ID as mutually defined between sender and receiver. For documents sent by Best & Less this will contain "BESTANDLESS " (NB. trailing spaces)
7	Interchange ID qualifier	ID	2	2	M	Set to "ZZ" - Mutually defined
8	Interchange receiver	ID	15	15	M	Receiver ID as mutually defined between sender & receiver
9	Date	DT	6	6	M	The date the interchange was created in the sender's system in the form YYMMDD
10	Time	TM	4	4	M	Time of the interchange created (HHMM) in the sender's system; submit time. 24 hour clock
11	Interchange standards identifier	ID	1	1	M	Set to "U" - U.S. EDI Community of ASC X12
12	Interch. version ID	ID	5	5	M	Set to "00306"
13	Interchange control number	N	9	9	M	Uniquely identifies the interchange data to the sender. Use leading zeroes to fill out the 9 characters
14	Acknowledgement requested	ID	1	1	M	Set to "1" to request a functional acknowledgement response
15	Test indicator	ID	1	1	M	Set to "P" - Production (live) or "T" - Test transmission
16	Sub-element separator	AN	1	1	M	Set to ">". Field reserved for future expansion in separating data element subgroup

3.3.2 GS segment - Functional group header

The GS segment marks the start of a functional group. It is terminated by a GE segment at the end of the functional group. There can be more than one GS - GE functional group within a single EDI message. This will normally occur when the EDI document contains more than one EDI message (eg. an 850 purchase order and an 860 Purchase order change request).

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Functional ID	ID	2	2	M	Set to "PO" for purchase order, "PC" for purchase order change request, or "FA" for functional acknowledgement
2	Application sender's code	ID	2	12	M	Unique code that identifies the sender. The application ID for Best & Less is "BESTANDLESS"
3	Applications receiver's code	ID	2	12	M	Unique code that identifies the receiver
4	Date	DT	6	6	M	Date of functional group in YYMMDD format
5	Time	TM	4	4	M	Expressed in 24 hour clock time in format HHMM
6	Group control number	N	1	9	M	Unique number originated and maintained by the sender
7	Responsible agency code	ID	1	2	M	Set to "X" - Accredited Standards Committee X12
8	Version	ID	1	12	M	Set to "003060VICS" - The version code of the EDI standard

3.3.3 ST segment - Transaction set header

The ST segment is the first segment of a transaction type such as an 850 purchase order, an 860 purchase order change request, or a 997 functional acknowledgement. It is terminated by an SE segment at the end of the transaction set. There can be more than one ST - SE transaction set within one functional group (GS - GE). In the case of a purchase order, the segments within one transaction set would describe one purchase order.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Transaction set identifier code	ID	3	3	M	Set to "850" for purchase order, "860" for PO change request, or "997" for functional acknowledgement
2	Transaction set control number	AN	4	9	M	Control number assigned by the originator of a transaction set. Must be unique within a functional group

3.3.4 SE segment - Transaction set trailer

The SE segment terminates the transaction set. The first sub-segment contains a count of all the segments within one transaction set including the ST and SE segments that start and end the transaction set. The count of segments is used for error checking purposes.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Number of included segments	N0	1	10	M	Total number of segments included in a transaction set including the ST and SE segments
2	Transaction set control number	AN	4	9	M	Identifying control number assigned by the originator for a transaction set. Same as ST 02

3.3.5 GE segment - Group control trailer

The GE segment terminates the functional group. It contains the number of transaction sets within the group and confirms the group control number. Both items of data are used for error checking.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Number of transaction sets	N0	1	6	M	Total number of transaction sets (ST - SE sets) included in this functional group
2	Group control number	N0	1	9	M	Assigned number originated and maintained by the sender. Same as GS 06

3.3.6 IEA segment - Interchange control trailer

The IEA segment terminates the EDI message. It contains a count of the number of functional groups in the message and repeats the interchange control number. Both items of data are used for error checking.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Number of included groups	N0	1	5	M	A count of the number of functional groups included in a transmission.
2	Interchange control number	N0	9	9	M	Code uniquely identifies the interchange data to the sender. Same as ISA 13

3.4 850 Purchase Order - VICS 3060

Functional Group ID = PO

This section describes all of the segments used by Best & Less to transmit a purchase order. Below is a summary of the segments and their positions within a transaction set:

Segment	Description	
Heading segments		
ST	Transaction set header	mandatory
BEG	Beginning segment for purchase order	mandatory
NTE	Note/Special instruction	
CUR	Currency	
REF	Reference numbers	
PER	Administrative communications contact	
FOB	F.O.B. Related instructions	
CSH	Header sale condition	
SAC	Service, promotion, allowance, or charge information (header)	
ITD	Terms of sale/Deferred terms of sale	
DTM	Date/Time reference	
PKG	Marking, packaging, loading	
TD5	Carrier details (Routing sequence/Transit time)	
N1	Name	
N2	Additional name information	
N3	Address information	
N4	Geographic location	
Detail segments		
PO1	Baseline item data	mandatory
CTP	Pricing information	
PID	Product/Item description	
PO4	Item physical details	
SAC	Service, promotion, allowance, or charge information (detail)	
SDQ	Destination quantity (store quantity breakdown)	
SCH	Line item schedule	
Summary segments		
CTT	Transaction totals	mandatory
SE	Transaction set trailer	mandatory

3.4.1 ST segment - Transaction set header

Level: Heading
Usage: Mandatory

The ST segment is the first segment of the 850 purchase order. It is terminated by an SE segment at the end of the transaction set. There can be more than one ST - SE transaction set within one functional group (GS - GE). The segments within one transaction set describe one purchase order.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Transaction set identifier code	ID	3	3	M	Set to "850" for purchase order
2	Transaction set control number	AN	4	9	M	Identifying control number assigned by the originator for a transaction set. Must be unique within a functional group

3.4.2 BEG segment - Beginning segment for purchase order

Level: Heading
Usage: Mandatory

The BEG segment is the first segment of the purchase order and includes the purchase order number.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Transaction set purpose code	ID	2	2	M	Code identifying purpose of transaction set: 00 - Original 07 - Duplicate
2	Purchase order type code	ID	2	2	M	Code specifying the type of purchase order: SA - Stand alone
3	Purchase order number	AN	1	22	M	Purchase order number assigned by Best & Less
4	Release number	AN	1	30	O	Back order number
5	Purchase order date	DT	6	6	M	Date in the form YYMMDD

3.4.3 NTE segment - Notes/Special instructions

Level: Heading

Usage: Floating

To transmit messages in a free-form format, if necessary, for comment or special instructions.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Message type code	AN	3	3	O	Code identifying the purpose for which notes applies: SPH - Special handling
2	Actual message text	AN	1	80	M	Free-form text

3.4.4 CUR segment - Currency

Level: Heading

Usage: Optional

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

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Entity identifier code	ID	2	2	M	Code identifying an organisational entity: BY - Buying party
2	Currency code	ID	3	3	M	Standard ISO code for the currency of the buying party eg. AUD - Australian dollar
3	Exchange rate	R	4	10	O	Conversion factor to convert from one currency to another (not used)
4	Entity identifier code	ID	2	2	O	Code identifying an organisational entity: SE - Selling party
5	Currency code	ID	3	3	O	Standard ISO code for the currency of the selling party eg. USD - US dollar

3.4.5 REF segment - Reference numbers

Level: Heading
 Usage: Optional
 To specify identifying numbers.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Reference identification qualifier	ID	2	2	M	Code qualifying the reference number DP - Department no.
2	Reference number	AN	1	30	C	Department number
3	Description	AN	1	80	C	Department description

3.4.6 PER segment - Administrative communications contact

Level: Heading
 Usage: Optional
 To identify a person or office to whom administrative communications should be directed.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Contact function code	ID	2	2	M	Code identifying the major duty or responsibility of the person or group named. BD - Buyer name or department
2	Name	AN	1	35	O	Free-form name

3.4.7 FOB segment - F.O.B. Related instructions

Level: Heading
 Usage: Optional
 To specify transportation instructions relating to shipment.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Shipment method of payment	ID	2	2	M	Code identifying payment terms for transportation charges: MX - Mixed
2	Location qualifier	ID	1	2	C	Code identifying type of location: DE - Destination (Shipping) OR - Origin
3	Description	AN	1	80	O	FOB instructions

3.4.8 CSH segment - Header sale condition

Level: Heading

Usage: Optional

To specify general conditions or requirements of the sale.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Sales requirement code	ID	1	2	O	Code to identify a specific requirement or agreement of sale. "N" - No back order "Y" - Back order if out of stock

3.4.9 SAC segment - Service, promotion, allowance, or charge information

Level: Heading

Usage: Optional

To specify allowances, charges or services applying to the whole purchase order.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Allowance or charge indicator	ID	1	1	M	Code of an allowance or charge for the service specified: A - Allowance, C - Charge
2	Service allowance, promotion or charge code	ID	4	4	C	Code identifying the agency assigning the code values
3	Agency qualifier code	ID	2	2	C	Code identifying the agency assigning the code (not used)
4	Agency service, promotion, allowance, or charge code	ID	1	10	C	Agency maintained code identifying the service promotion allowance or charge (not used)
5	Amount	N2	1	15	O	Total amount of the allowance or charge
6	Allowance or charge percent qualifier	ID	1	1	C	Code indicating on what basis allowance or charge percent is calculated (4 - Discount/Net)
7	Allowance or charge percent	R	1	6	C	Allowance or charge expressed as a percent
8	Allowance or charge rate	R	1	9	O	Allowance or charge rate per unit (not used)
9	Unit or basis for measurement code	ID	2	2	C	Code specifying the units in which a value is being expressed or manner in which a measurement has been taken
10	Allowance or charge quantity	R	1	15	C	Quantity basis when the allowance or charge quantity is different to the purchase order quantity (not used)
11	Allowance or charge quantity	R	1	15	O	Quantity basis when the allowance or charge quantity is different to the purchase order quantity (not used)
12	Allowance or charge method of handling code	ID	2	2	O	"02" - Off invoice
13	Reference number	AN	1	30	C	Not used
14	Option number	AN	1	20	O	A unique number identifying available promotion or allowance options when more than one is offered (not used)
15	Description	AN	1	80	O	Allowance or charge description

3.4.10 ITD segment - Terms of sale/Deferred terms of sale

Level: Heading

Usage: Optional

To specify terms of sale including settlement discount.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Terms type code	ID	2	2	O	Code identifying type of payment terms: ZZ - Mutually defined
2	Terms basis date code	ID	1	2	O	Code identifying the beginning of the terms period "2" - Delivery date
3	Terms discount percentage	R	1	6	O	Terms discount percentage, available to the purchaser if an invoice is paid on or before the Terms discount due date
4	Terms discount due date	DT	6	6	C	Date payment is due if discount is to be earned
5	Terms discount days due	N0	1	3	C	Number of days in the terms discount period by which payment is due if terms discount is earned
6	Terms net due date	DT	6	6	O	Date when total invoice amount becomes due (not used)
7	Terms net days	N0	1	3	O	Number of days until total invoice amount is due (not used)
8	Terms discount amount	N2	1	10	O	Total amount of terms discount (not used)
9	Terms deferred due date	DT	6	6	O	Date deferred payment or percent of invoice payable is due (not used)
10	Deferred amount due	N2	1	10	C	Deferred amount due for payment (not used)
11	Percentage of invoice payable	R	1	5	C	Amount of invoice payable expressed in percent (not used)
12	Description	AN	1	80	O	A free-form description to clarify the related data elements and their content

3.4.11 DTM segment - Date/Time reference

Level: Heading
Usage: Optional

To specify the purchase order delivery window which includes the requested shipment date and the date after which the purchase order is to be cancelled if not yet delivered.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Date/Time qualifier	ID	3	3	M	Code specifying type of date or time, or both date and time: 001 - Cancel after date 010 - Requested ship date
2	Date	DT	6	6	C	Date in the form YYMMDD

3.4.12 PKG segment - Marking, packaging, loading

Level: Heading
Usage: Optional

To describe marking packaging loading and unloading requirements. The PKG segment is only sent if the purchase order contains advertised items. This information is used when printing box labels during the scan packing process. The contents of PKG 04 appear on the label.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Item description type	ID	1	1	C	Code indicating the format of a description: X - Semi-structured
2	Packaging characteristic code	ID	2	2	O	10 - Shipping package labeling
3	Agency qualifier code	ID	2	2	C	AB - Assigned by buyer
4	Packaging description code	ID	1	7	C	AD - Flag a purchase order as containing advertised lines

Example: PKG*X*10*AB*AD

3.4.13 TD5 segment - Carrier details (Routing sequence/Transit time)

Level: Heading

Usage: Optional

To specify the carrier and mode of transport for the delivery of goods.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Routing sequence code	ID	1	2	O	Code describing the relationship of a carrier to a specific shipment movement (not used)
2	Identification code qualifier	ID	1	2	C	Code designating the system/method of code structure used for identification (not used)
3	Identification code	AN	2	17	C	Code identifying a party or other code (not used)
4	Transportation method/type code	ID	1	2	C	Code specifying the method or type of transportation for the shipment (not used)
5	Routing	AN	1	35	C	Free-form description of the originating carrier's identity

3.4.14 N1 segment - Name

Level: Heading

Usage: Optional

To identify where a purchase order is to be shipped and who is to be billed.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Entity identifier code	ID	2	2	M	Code identifying an organisational entity or a physical location: ST - Ship to BT - Bill-to-party
2	Name	AN	1	35	C	Free-form name
3	Identification code qualifier	ID	1	2	C	Code designating the system/method of code structure used for identification code: 92 - Assigned by buyer
4	Identification code	ID	2	17	C	Code identifying a Delivery Centre or Best & Less store

3.4.15 N2 segment - Additional name information

Level: Heading

Usage: Optional

To specify additional names or those longer than 35 characters in length.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Name	AN	1	35	M	Free-form name
2	Optional further ext. to name	AN	1	35	O	Free-form name (not used)

3.4.16 N3 segment - Address information

Level: Heading

Usage: Optional

To specify the address of the named party.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Address information	AN	1	35	M	Address information
2	Address information	AN	1	35	O	Address information

3.4.17 N4 segment - Geographic location

Level: Heading

Usage: Optional

To specify other address details of the Best & Less store.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	City	AN	2	30	O	Free-form text for city name
2	State code	ID	2	2	O	Code as defined by appropriate agency
3	Postcode	ID	3	15	O	Postcode
4	Country code	ID	2	3	O	Code identifying the country

3.4.18 PO1 segment - Baseline item data

Level: Detail
Usage: Mandatory

To specify purchase order line item data including product code, price, unit of measure and the Best & Less contract number.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Assigned identification	AN	1	20	O	Purchase order line number
2	Quantity ordered	R	1	9	C	Quantity ordered
3	Unit of measure code	ID	2	2	O	Code identifying the basic unit of measurement: EA - Each
4	Unit price	R	1	17	C	Price per unit of product
5	Basis of unit price code	ID	2	2	O	Code identifying the type of unit price for an item: TE - Contract price per each
6	Product/Service ID qualifier	ID	2	2	C	Code identifying the type/source of the descriptive number used in PO1 07: CB - Buyer's catalog number
7	Product/Service ID	AN	1	40	C	Best & Less product code
8	Product/Service ID qualifier	ID	2	2	C	Code identifying the type/source of the descriptive number used in PO1 09: EN - APN barcode
9	Product/Service ID	AN	1	40	C	Barcode or Best & Less product code if no barcode is available
10	Product/Service ID qualifier	ID	2	2	C	Code identifying the type/source of the descriptive number used in PO1 11: CR - Contract number
11	Product/Service ID	AN	1	40	C	Best & Less contract number for product in PO1 07
12	Product/Service ID qualifier	ID	2	2	C	Code identifying the type/source of the descriptive number used in PO1 13: IN - Buyer's Item Number
13	Product/Service ID	AN	1	40	C	Best & Less Master SKU for product in PO1 07

3.4.19 CTP segment - Pricing information

Level: Detail
Usage: Optional

To specify pricing information.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Class of trade code	ID	2	2	O	Code describing class of trade (eg. RS - Resale)
2	Price identifier code	ID	3	3	C	Code to identify price (eg. UCP - Unit cost price)
3	Unit price	R	1	14	O	Price per unit of product, service, commodity, etc..

3.4.20 PID segment - Product/Item description

Level: Detail
Usage: Optional

To describe a product in coded and free-form format.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Item description type	ID	1	1	M	Code indicating the format of a description: F - Free-form
2	Product/process characteristic code	ID	2	3	O	Code identifying the general class of a product or process characteristic (not used)
3	Association qualifier code	ID	2	2	C	Code identifying the association assigning the code values (not used)
4	Product description code	AN	1	12	C	A code from an industry code list which provides specific data about a product characteristic (not used)
5	Description	AN	1	80	C	Product description

3.4.21 PO4 segment - Item physical details

Level: Detail
Usage: Optional

To specify the physical qualities of an item, such as packaging, weights, etc.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Pack	N0	1	6	O	Number of inner pack units per outer pack unit
2	Size	R	1	8	C	Size of supplier units in pack
3	Unit of measure code	ID	2	2	C	Code identifying the basic unit of measurement

3.4.22 SAC segment - Service, promotion, allowance, or charge information

Level: Detail
Usage: Optional

To specify allowances, charges or services applying to a purchase order line.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Allowance or charge indicator	ID	1	1	M	Code of an allowance or charge for the service specified: A - Allowance
2	Service allowance, promotion or charge code	ID	4	4	C	Code identifying the agency assigning the code values
3	Agency qualifier code	ID	2	2	C	Code identifying the agency assigning the code (not used)
4	Agency service, promotion, allowance, or charge code	ID	1	10	C	Agency maintained code identifying the service promotion allowance or charge (not used)
5	Amount	N2	1	15	O	Total amount of the allowance
6	Allowance or charge percent qualifier	ID	1	1	C	Code indicating on what basis allowance or charge percent is calculated (2 - Item net cost)
7	Allowance or charge percent	R	1	6	C	Allowance or charge expressed as a percent
8	Allowance or charge rate	R	1	9	O	Unit allowance
9	Unit or basis for measurement code	ID	2	2	C	Code specifying the units in which a value is being expressed or manner in which a measurement has been taken
10	Allowance or charge quantity	R	1	15	C	Quantity basis when the allowance or charge quantity is different to the purchase order quantity (not used)
11	Allowance or charge quantity	R	1	15	O	Quantity basis when the allowance or charge quantity is different to the purchase order quantity (not used)
12	Allowance or charge method of handling code	ID	2	2	O	"02" - Off invoice
13	Reference number	AN	1	30	C	Not used
14	Option number	AN	1	20	O	A unique number identifying available promotion or allowance options when more than one is offered (not used)
15	Description	AN	1	80	O	Allowance description

3.4.23 SDQ segment - Destination quantity

Level: Detail
Usage: Optional

To specify destination and quantity details. Up to ten store/quantity details may be included in each SDQ segment. There may be more than one SDQ segment per PO1 segment.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Unit or basis for measurement code	ID	2	2	O	Unit of measure (eg. EA)
2	Identification code qualifier	ID	1	2	O	'92' assigned by buyer
3	Identification code	AN	2	20	M	Best & Less store code for which the quantity is packed
4	Quantity	R	1	15	M	Quantity ordered for this Best & Less store
5	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
6	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
7	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
8	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
9	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
10	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
11	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
12	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
13	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
14	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
15	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
16	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
17	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
18	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
19	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
20	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
21	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
22	Quantity	R	1	15	O	Quantity ordered for this Best & Less store

3.4.24 SCH segment - Line item schedule

Level: Detail
Usage: Optional

To specify date and quantity details for scheduling a specific line item.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Quantity	R	1	15	M	Quantity of the product in PO1 for scheduling
2	Unit or basis for measurement code	ID	2	2	M	Unit of measure (eg. EA)
3	Entity identifier code	AN	2	10	O	Code identifying an organisation (not used)
4	Name	AN	2	2	C	(not used)
5	Date/Time Qualifier	ID	3	3	M	002 - Delivery requested
6	Date	DT	6	6	M	Delivery requested date (YYMMDD)

3.4.25 CTT segment - Transaction totals

Level: Summary
Usage: Mandatory

To transmit a hash total for a specific element in a transaction set.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Number of line items	N0	1	6	M	Total number of PO1 segments in the transaction set

3.4.26 SE segment - Transaction set trailer

Level: Summary
Usage: Mandatory

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

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Number of included segments	N0	1	10	M	Total number of segments included in a transaction set including the ST and SE segments
2	Transaction set control number	AN	4	9	M	Identifying control number assigned by the originator for a transaction set. Same as ST 02

3.5 VICS 860 Purchase Order Change Request - Buyer Initiated

Functional Group ID = PC

This section describes all of the segments used by Best & Less to transmit a purchase order change request. The purchase order change request is sent either to cancel a previously sent purchase order, or whenever there is a change to either the purchase order header or product line details. Below is a summary of the segments and their positions within a transaction set:

Segment	Description	
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Heading segments

ST	Transaction set header	mandatory
BCH	Beginning segment for purchase order change	mandatory
NTE	Note/Special instruction	
CUR	Currency	
REF	Reference numbers	
PER	Administrative communications contact	
FOB	F.O.B. Related instructions	
CSH	Header sale condition	
SAC	Service, promotion, allowance, or charge information (heading)	
ITD	Terms of sale/Deferred terms of sale	
DTM	Date/Time reference	
PKG	Marking, packaging, loading	
TD5	Carrier details (Routing sequence/Transit time)	
N1	Name	
N2	Additional name information	
N3	Address information	
N4	Geographic location	

Detail segments

POC	Line item change	
CTP	Pricing information	
PID	Product/Item description	
PO4	Item physical details	
SAC	Service, promotion, allowance, or charge information (detail)	
SDQ	Destination quantity (store quantity breakdown)	
SCH	Line item schedule	

Summary segments

CTT	Transaction totals	mandatory
SE	Transaction set trailer	mandatory

3.5.1 ST segment - Transaction set header

Level: Heading
Usage: Mandatory

The ST segment is the first segment of the 860 purchase order change request. It is terminated by an SE segment at the end of the transaction set. There can be more than one ST - SE transaction set within one functional group (GS - GE). The segments within one transaction set describe one purchase order.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Transaction set identifier code	ID	3	3	M	Set to "860" for purchase order change request
2	Transaction set control number	AN	4	9	M	Identifying control number assigned by the originator for a transaction set. Must be unique within a functional group

3.5.2 BCH segment - Beginning segment for purchase order change

Level: Heading
Usage: Mandatory

The BCH segment is the first segment of the purchase order change transaction and is used to identify the previously sent purchase order and establish whether this message represents a cancellation or change. If this is a cancellation, no other order detail segments will be supplied only summary segments.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Transaction set purpose code	ID	2	2	M	Code identifying purpose of transaction set: 01 - Cancel 04 - Change
2	Purchase order type code	ID	2	2	M	Code specifying the type of purchase order: SA - Stand alone
3	Purchase order number	AN	1	22	M	Original purchase order number assigned by Best & Less
4	Release number	AN	1	30	O	Number identifying this purchase order change (not used)
5	Change order sequence number	AN	1	8	O	(not used)
6	Date	DT	6	6	M	Purchase order date in the form YYMMDD

3.5.3 NTE segment - Notes/Special instructions

Level: Heading

Usage: Floating

To transmit messages in a free-form format, if necessary, for comment or special instructions.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Message type code	AN	3	3	O	Code identifying the purpose for which notes applies: SPH - Special handling
2	Actual message text	AN	1	80	M	Free-form text

3.5.4 CUR segment - Currency

Level: Heading

Usage: Optional

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

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Entity identifier code	ID	2	2	M	Code identifying an organisational entity: BY - Buying party
2	Currency code	ID	3	3	M	Standard ISO code for the currency of the buying party eg. AUD - Australian dollar
3	Exchange rate	R	4	10	O	Conversion factor to convert from one currency to another (not used)
4	Entity identifier code	ID	2	2	O	Code identifying an organisational entity: SE - Selling party
5	Currency code	ID	3	3	O	Standard ISO code for the currency of the selling party eg. USD - US dollar

3.5.5 REF segment - Reference numbers

Level: Heading
Usage: Optional

To specify identifying numbers.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Reference identification qualifier	ID	2	2	M	Code qualifying the reference number DP - Department no.
2	Reference number	AN	1	30	C	Department number
3	Description	AN	1	80	C	Department description

3.5.6 PER segment - Administrative communications contact

Level: Heading
Usage: Optional

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

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Contact function code	ID	2	2	M	Code identifying the responsibility of the person or group named: BD - Buyer name or department
2	Name	AN	1	35	O	Free-form name

3.5.7 FOB segment - F.O.B. Related instructions

Level: Heading
Usage: Optional

To specify transportation instructions relating to shipment.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Shipment method of payment	ID	2	2	M	Code identifying payment terms for transportation charges: MX - Mixed
2	Location qualifier	ID	1	2	C	Code identifying type of location: DE - Destination (Shipping) OR - Origin
3	Description	AN	1	80	O	FOB instructions

3.5.8 CSH segment - Header sale condition

Level: Heading

Usage: Optional

To specify general conditions or requirements of the sale.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Sales requirement code	ID	1	2	O	Code to identify a specific requirement or agreement of sale. “N” - No back order “Y” - Back order if out of stock

3.5.9 SAC segment - Allowance, charge or service

Level: Heading

Usage: Optional

To specify allowances, charges or services applying to the whole purchase order.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Allowance or charge indicator	ID	1	1	M	Code which indicates an allowance or charge for the service specified: A - Allowance C - Charge
2	Service, promotion, allowance, or charge code	ID	4	4	C	Code identifying the service, promotion, allowance, or charge
3	Agency qualifier code	ID	2	2	C	Code identifying the agency assigning the code (not used)
4	Agency service, promotion, allowance or charge code	AN	1	10	C	Agency maintained code identifying the service, promotion, allowance, or charge (not used)
5	Amount	N2	1	15	O	Total amount of the allowance or charge
6	Allowance or charge percent qualifier	ID	1	1	C	Code indicating on what basis allowance or charge percent is calculated (4 - Discount/Net)
7	Allowance or charge percent	R	1	6	C	Percent without '%' sign, leading or trailing zeroes (eg. 6.50% would appear as 6.5)
8	Allowance or charge rate	R	1	9	O	Rate expressed in the standard monetary denomination for the currency (not used)
9	Unit or basis for measurement code	ID	2	2	C	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
10	Allowance or charge quantity	R	1	15	C	Quantity basis when the allowance or charge quantity is different to the purchase order quantity (not used)
11	Allowance or charge quantity	R	1	15	O	Quantity basis when the allowance or charge quantity is different to the purchase order quantity (not used)
12	Allowance or charge method of handling code	ID	2	2	O	"02" - Off invoice
13	Reference number	AN	1	30	C	Reference number not used by Best & Less
14	Option number	AN	1	20	O	A unique number identifying available promotion or allowance options when more than one is offered (not used)
15	Description	AN	1	80	O	Allowance or charge description

3.5.10 ITD segment - Terms of sale/Deferred terms of sale

Level: Heading

Usage: Optional

To specify terms of sale including settlement discount.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Terms type code	ID	2	2	O	Code identifying type of payment terms: ZZ - Mutually defined
2	Terms basis date code	ID	1	2	O	Code identifying the beginning of the terms period "2" - Delivery date
3	Terms discount percentage	R	1	6	O	Terms discount percentage, available to the purchaser if an invoice is paid on or before the Terms discount due date
4	Terms discount due date	DT	6	6	C	Date payment is due if discount is to be earned
5	Terms discount days due	N0	1	3	C	Number of days in the terms discount period by which payment is due if terms discount is earned
6	Terms net due date	DT	6	6	O	Date when total invoice amount becomes due (not used)
7	Terms net days	N0	1	3	O	Number of days until total invoice amount is due (not used)
8	Terms discount amt.	N2	1	10	O	Total amount of terms discount (not used)
9	Terms deferred due date	DT	6	6	O	Date deferred payment or percent of invoice payable is due (not used)
10	Deferred amount due	N2	1	10	C	Deferred amount due for payment (not used)
11	Percentage of invoice payable	R	1	5	C	Amount of invoice payable expressed in percent (not used)
12	Description	AN	1	80	O	A free-form description to clarify the related data elements and their content

3.5.11 DTM segment - Date/Time reference

Level: Heading

Usage: Optional

To specify changes to the purchase order delivery window bounded by the requested shipment date and the cancel after date if goods not yet delivered.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Date/Time qualifier	ID	3	3	M	Code specifying type of date or time, or both date and time: 001 - Cancel after date 010 - Requested ship date
2	Date	DT	6	6	C	Date in the form YYMMDD

3.5.12 PKG segment - Marking, packaging, loading

Level: Heading
Usage: Optional

To describe marking packaging loading and unloading requirements. The PKG segment is only sent if the purchase order change contains advertised items. This information is used when printing box labels during the scan packing process. The contents of PKG 04 appear on the label.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Item description type	ID	1	1	C	Code indicating the format of a description: X - Semi-structured
2	Packaging characteristic code	ID	2	2	O	10 - Shipping package labeling
3	Agency qualifier code	ID	2	2	C	AB - Assigned by buyer
4	Packaging description code	ID	1	7	C	AD - Flag a purchase order as containing advertised lines

Example: PKG*X*10*AB*AD

3.5.13 TD5 segment - Carrier details (Routing sequence/Transit time)

Level: Heading
Usage: Optional

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

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Routing sequence code	ID	1	2	O	Code describing the relationship of a carrier to a specific shipment movement (not used)
2	Identification code qualifier	ID	1	2	C	Code designating the system/method of code structure used for identification (not used)
3	Identification code	AN	2	20	C	Code identifying a party or other code (not used)
4	Transportation method/Type code	ID	1	2	C	Code specifying the method or type of transportation for the shipment (not used)
5	Routing	AN	1	35	C	Free-form description of the originating carrier's identity

3.5.14 N1 segment - Name

Level: Heading
Usage: Optional

To identify a party by type of organisation, name, and code.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Entity identifier code	ID	2	2	M	Code identifying an organisational entity or a physical location: ST - Ship to BT - Bill-to-party
2	Name	AN	1	35	C	Free-form name
3	Identification code qualifier	ID	1	2	C	Code designating the system/method of code structure used for identification code: 92=Assigned by buyer
4	Identification code	ID	2	17	C	Code identifying a Delivery Centre or Best & Less store

3.5.15 N2 segment - Additional name information

Level: Heading
Usage: Optional

To specify additional names or those longer than 35 characters in length.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Name	AN	1	35	M	Free-form name
2	Optional further ext. to name	AN	1	35	O	Free-form name

3.5.16 N3 segment - Address information

Level: Heading
Usage: Optional

To specify the location of the named party.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Address information	AN	1	35	M	Address information
2	Address information	AN	1	35	O	Address information

3.5.17 N4 segment - Geographic location

Level: Heading
Usage: Optional

To specify the geographic place of the named party.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	City	AN	2	30	O	Free-form text for city name
2	State code	ID	2	2	O	Code as defined by appropriate agency
3	Postcode	ID	3	15	O	Postcode
4	Country code	ID	2	3	O	Code identifying the country

3.5.18 POC segment - Line item change

Level: Detail
Usage: Optional

To specify changes to a line item.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Assigned identification	AN	1	11	O	Line item number (numbered sequentially within this purchase order change)
2	Change or response type code	ID	2	2	M	Code specifying the type of change to the line item AI - Add additional purchase order line CA - Change to line items (qty, price - NOT product) DI - Delete this purchase order line
3	Quantity ordered	R	1	9	O	Quantity ordered (incorporating this and previous changes)
4	Quantity left to receive	R	1	9	C	Quantity left to receive as qualified by the unit of measure (will normally be equal to POC 03)
5	Unit of measure code	ID	2	2	C	Code identifying the basic unit of measurement: EA - Each
6	Unit price	R	1	17	C	Price per unit of product, service, commodity etc.
7	Basis of unit price code	ID	2	2	O	Code identifying the type of unit price for an item TE - Contract price per each
8	Product/Service ID qualifier	ID	2	2	C	Code identifying the type of product code used in POC 09 CB - Buyer's catalogue number
9	Product/Service ID	AN	1	40	C	Best & Less product code
10	Product/Service ID qualifier	ID	2	2	C	Code identifying the type/source of the descriptive number used in POC 11 (EN - APN barcode)
11	Product/Service ID	AN	1	40	C	Barcode, or Best & Less product code if no barcode is available
12	Product/Service ID qualifier	ID	2	2	C	Code identifying the type of the code used in POC 13: CR - Contract number
13	Product/Service ID	AN	1	40	C	Best & Less contract number for product in PO1 09
14	Product/Service ID qualifier	ID	2	2	C	Code identifying the type/source of the descriptive number contained in PO1 15: IN - Buyer's Item Number
15	Product/Service ID	AN	1	40	C	Best & Less Master SKU for product in PO1 09

3.5.19 CTP segment - Pricing information

Level: Detail
Usage: Optional

To specify pricing information.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Class of trade code	ID	2	2	O	Always set to RS = Resale
2	Price identifier code	ID	3	3	C	Code to identify price (eg. UCP - Unit cost price)
3	Unit price	R	1	14	O	Price per unit of product, service, commodity, etc..

3.5.20 PID segment - Product/Item description

Level: Detail
Usage: Optional

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

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Item description type	ID	1	1	M	Code indicating the format of a description: F - Free-form
2	Product/process characteristic code	ID	2	3	O	Code identifying the general class of a product or process characteristic (not used)
3	Association qualifier code	ID	2	2	C	Code identifying the association assigning the code values (not used)
4	Product description code	AN	1	12	C	A code from an industry code list which provides specific data about a product characteristic (not used)
5	Description	AN	1	80	C	Product description

3.5.21 PO4 segment - Item physical details

Level: Detail
Usage: Optional

To specify the physical qualities of an item, such as packaging, weights, etc.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Pack	N0	1	6	O	Number of inner pack units per outer pack unit
2	Size	R	1	8	C	Size of supplier units in pack
3	Unit of measure code	ID	2	2	C	Code identifying the basic unit of measurement

3.5.22 SAC segment - Allowance, charge or service

Level: Detail
Usage: Optional

To specify allowances, charges or services applying to a purchase order line.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Allowance or charge indicator	ID	1	1	M	Code of an allowance or charge for the service specified: A - Allowance
2	Service allowance, promotion or charge code	ID	4	4	C	Code identifying the agency assigning the code values
3	Agency qualifier code	ID	2	2	C	Code identifying the agency assigning the code (not used)
4	Agency service, promotion, allowance, or charge code	ID	1	10	C	Agency maintained code identifying the service promotion allowance or charge (not used)
5	Amount	N2	1	15	O	Total amount of the allowance
6	Allowance or charge percent qualifier	ID	1	1	C	Code indicating on what basis allowance or charge percent is calculated (2 - Item net cost)
7	Allowance or charge percent	R	1	6	C	Allowance or charge expressed as a percent
8	Allowance or charge rate	R	1	9	O	Unit allowance
9	Unit or basis for measurement code	ID	2	2	C	Code specifying the units in which a value is being expressed or manner in which a measurement has been taken
10	Allowance or charge quantity	R	1	15	C	Quantity basis when the allowance or charge quantity is different to the purchase order quantity (not used)
11	Allowance or charge quantity	R	1	15	O	Quantity basis when the allowance or charge quantity is different to the purchase order quantity (not used)
12	Allowance or charge method of handling code	ID	2	2	O	"02" - Off invoice
13	Reference number	AN	1	30	C	Not used
14	Option number	AN	1	20	O	A unique number identifying available promotion or allowance options when more than one is offered (not used)
15	Description	AN	1	80	O	Allowance description

3.5.23 SDQ segment - Destination quantity

Level: Detail
Usage: Optional

To specify destination and quantity details. Up to ten store/quantity details may be included in each SDQ segment. There may be more than one SDQ segment per PO1 segment.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Unit or basis for measurement code	ID	2	2	O	Unit of measure (eg. EA)
2	Identification code qualifier	ID	1	2	O	'92' assigned by buyer
3	Identification code	AN	2	20	M	Best & Less store code for which the quantity is packed
4	Quantity	R	1	15	M	Quantity ordered for this Best & Less store
5	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
6	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
7	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
8	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
9	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
10	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
11	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
12	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
13	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
14	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
15	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
16	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
17	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
18	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
19	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
20	Quantity	R	1	15	O	Quantity ordered for this Best & Less store
21	Identification code	AN	2	20	O	Best & Less store code for which the quantity is packed
22	Quantity	R	1	15	O	Quantity ordered for this Best & Less store

3.5.24 SCH segment - Line item schedule

Level: Detail
Usage: Optional

To specify date and quantity details for scheduling a specific line item.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Quantity	R	1	15	M	Quantity of the product in PO1 for scheduling
2	Unit or basis for measurement code	ID	2	2	M	Unit of measure (eg. EA)
3	Entity identifier code	AN	2	10	O	Code identifying an organisation (not used)
4	Name	AN	2	2	C	(not used)
5	Date/Time Qualifier	ID	3	3	M	002 - Delivery requested
6	Date	DT	6	6	M	Delivery requested date (YYMMDD)

3.5.25 CTT segment - Transaction totals

Level: Summary
Usage: Mandatory

To transmit a hash total for a specific element in a transaction set.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Number of line items	N0	1	6	M	Total number of PO1 segments in the transaction set

3.5.26 SE segment - Transaction set trailer

Level: Summary
Usage: Mandatory

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

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Number of included segments	N0	1	10	M	Total number of segments included in a transaction set including the ST and SE segments
2	Transaction set control number	AN	4	9	M	Identifying control number assigned by the originator for a transaction set. Same as ST 02

3.6 VICS 997 Functional Acknowledgement

Functional Group ID = FA

This section describes all of the segments expected to be received by Best & Less in a functional acknowledgement (FA) message sent by the Trading Partner in response to either an 850 purchase order or 860 purchase order change request. An FA must be sent in response to all documents sent by Best & Less. Below is a summary of the segments and their positions within a transaction set:

Segment	Description	
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Heading segments

ST	Transaction set header	mandatory
AK1	Functional group response	mandatory
AK2	Transaction set response header	
	Not required by Best & Less, but may be sent in an FA	
AK5	Transaction set response trailer	
	Not required by Best & Less, but may be sent in an FA	
AK9	Functional group response	mandatory

Summary segments

SE	Transaction set trailer	mandatory
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3.6.1 ST segment - Transaction set header

Level: Heading
Usage: Mandatory

The ST segment is the first segment of the 997 functional acknowledgement. It is terminated by an SE segment at the end of the transaction set. There can be more than one ST - SE transaction set within one functional group (GS - GE). The segments within one transaction set describe one functional acknowledgement.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Transaction set identifier code	ID	3	3	M	Set to "997" for functional acknowledgement
2	Transaction set control number	AN	4	9	M	Identifying control number assigned by the originator for a transaction set. Must be unique within a functional group

3.6.2 AK1 segment - Functional group response

Level: Heading
Usage: Mandatory

To start acknowledgement of a functional group. This segment identifies the original document.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Functional identifier code	ID	2	2	M	Code of the document type being acknowledged PO - Purchase order PC - Purchase order change request
2	Group control number	N0	1	9	M	Assigned number originated and maintained by the sender This is the group control number in the document being acknowledged (ie. GS 06 in the original PO or POC)

3.6.3 AK9 segment - Functional group response

Level: Heading
Usage: Mandatory

To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group.

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Functional group acknowledgement code	ID	1	1	M	Code indicating acceptance or rejection of the document being acknowledged A - Accepted E - Accepted/ Errors noted M - Rejected P - Partially Accepted R - Rejected X - Rejected
2	Number of transaction sets included	N0	1	6	M	Total number of transaction sets (number of ST segments) included in the functional group being acknowledged by this FA
3	Number of received transaction sets	N0	1	6	M	Number of transaction sets received in the functional group being acknowledged
4	Number of accepted transaction sets	N0	1	6	M	Number of accepted transaction sets in the functional group being acknowledged
5	Functional group syntax error code	ID	1	3	O	Code indicating error found based on the syntax editing of the functional group header and/or trailer 1 - Functional group not supported 2 - Functional group version not supported 3 - Functional group trailer missing 4 - Group control no. in the functional group header & trailer do not agree 5 - No. of incl. trans. sets does not match actual count
6	Functional group syntax error code	ID	1	3	O	Same codes as AK9 05
7	Functional group syntax error code	ID	1	3	O	Same codes as AK9 05
8	Functional group syntax error code	ID	1	3	O	Same codes as AK9 05
9	Functional group syntax error code	ID	1	3	O	Same codes as AK9 05

3.6.4 SE segment - Transaction set trailer

Level: Summary
Usage: Mandatory

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

Field #	Element Name	Type	Min Len.	Max Len.	Req	Codes & Comments
1	Number of included segments	N0	1	10	M	Total number of segments included in a transaction set including the ST and SE segments
2	Transaction set control number	AN	4	9	M	Identifying control number assigned by the originator for a transaction set. Same as ST 02

Appendix A

Request by a supplier to start EDI trading with Best & Less

To initiate the setting up of a Trading Partnership between your company and Best & Less, please provide us with the details of your EDI mailbox, your Interchange ID and other details as shown in the FAX template on the next page. Then FAX the details to Andrew Roberts, EDI manager at Best & Less on (02) 9560 9844.

Best & Less use GXS and Zed Plus as their VANs (Value Added Network - service providers) for the transmission and receipt of EDI messages. You will need to contact your EDI service provider and arrange for them to set up the necessary connections and trading partnerships (TPs) to allow you to trade with Best & Less.

Below are the EDI envelope details used by both Best & Less and She Lingerie.

Best & Less EDI details:

Interchange ID qualifier (ISA 05)	ZZ
Interchange ID (ISA 06):	BESTANDLESS
Interchange standards ID (ISA 11)	U
Interchange version ID (ISA 12)	00306
Application ID (GS 02):	BESTANDLESS
Responsible agency code (GS 07)	X
Version (GS 08)	003060VICS

She Lingerie details:

Interchange ID qualifier (ISA 05)	ZZ
Interchange ID (ISA 06):	SHELINGERIE
Interchange standards ID (ISA 11)	U
Interchange version ID (ISA 12)	00306
Application ID (GS 02):	SHELINGERIE
Responsible agency code (GS 07)	X
Version (GS 08)	003060VICS

Best & Less

Fax this form to initiate the setting up of an EDI trading partnership:
Send to Best & Less FAX number: (02) 9560 9844

To: Andrew Roberts (Ph. [02] 9561 3400)
EDI Manager (Fax.[02] 9560 9844)

From:

Company:

Position:

Your TEL no.:

Your FAX no.:

Your email address:

Your EDI details:

EDI network:

Interchange ID:

Application sender's ID:
(usually the first 12 characters of the interchange ID)

Signed:

Name:

Date:

Appendix B

Examples of EDI documents sent by Best & Less:

EDI document envelope:

```

ISA*00*                                *00*                                *ZZ*BESTANDLESS
*ZZ*SUPPLIERCO                        *120925*1306*U*00306*000000021*0*P*>
GS*PC*BESTANDLESS*SUPPLIERCO*120925*1306*27*X*003060VI CS
ST*860*1001
.
.
.
SE*16*1001
GE*1*27
IEA*1*000000021

```

NB. The ISA segment is spread over 2 lines because of insufficient space on the first line.

EDI 850 purchase order:

```

ST*850*1004
BEG*00*SA*269773**120925
NTE*SPH*PLEASE DELIVER BEFORE 9AM
PER*BD*MI SCELLANEOUS
FOB*MX*DE*F. I. S.
CSH*N
ITD*ZZ*2*5*121016*7*****5% PAY IN 7 DAYS
DTM*001*121009
DTM*010*120927
PKG*X*10*AB*AD
N1*ST*B&L WAREHOUSE*92*901
N1*BT**92*99999
P01*1*42*EA*1. 11*TE*CB*832642*EN*9317896022001*CR*VNDPRT2342*IN*MS123
PID*F*08*AB*832642*DRI NKI NG CUP
P04*1**EA
SDQ*EA*92*26*12
SDQ*EA*92*34*6
SDQ*EA*92*50*12
SDQ*EA*92*68*12
P01*2*48*EA*8. 5*TE*CB*832659*EN*9317896025002*CR*VNDPRT23421*IN*MS23551
PID*F*08*AB*832659*QS BED SHEET
P04*1**EA
SDQ*EA*92*26*24
SDQ*EA*92*34*12
SDQ*EA*92*50*6
SDQ*EA*92*68*6
CTT*2
SE*28*1004

```

EDI 860 purchase order change request (order cancellation):

ST*860*1005
 BCH*01*SA*269772***020925
 CTT*0
 SE*4*1005

EDI 860 purchase order change request (changes to header only):

ST*860*1006
 BCH*04*SA*269773***120925
 NTE*SPH*PLEASE DELIVER BEFORE 9AM
 NTE*SPH*I've added a second instruction line.
 PER*BD*MI SCELLANEOUS
 FOB*MX*DE*F. I. S.
 CSH*N
 ITD*ZZ*2*5*121016*7*****5% PAY IN 7 DAYS
 DTM*001*121025 (cancel the order after this date)
 DTM*010*120927 (requested ship date)
 N1*ST*BALLINA*92*26 (ship to store 26 - Ballina)
 N1*BT**92*99999 (bill to head office)
 CTT*0
 SE*14*1006

EDI 860 purchase order change request (Add, change and delete order lines):

ST*860*1007
 BCH*04*SA*269775***120925
 NTE*SPH*PLEASE DELIVER BEFORE 9AM
 PER*BD*MI SCELLANEOUS
 FOB*MX*DE*F. I. S.
 CSH*N
 ITD*ZZ*2*5*121016*7*****5% PAY IN 7 DAYS
 DTM*001*121020
 DTM*010*120927
 N1*ST*B&L WAREHOUSE*92*901
 N1*BT**92*99999
 POC*1*AI*48*48*EA*8.5*TE*CB*832670*EN*832670*CR*VNDPRT2342*IN*MS773
 (add a new order line)
 PID*F*08*AB*832670*OTHER EDI SKU
 P04*1**EA
 SDQ*EA*92*26*24
 SDQ*EA*92*50*12
 SDQ*EA*92*68*12
 POC*2*CA*60*60*EA*99.99*TE*CB*832659*EN*9323842692674*CR*VNRT26651*IN*MS123
 (change an existing line)
 PID*F*08*AB*832659*OTHER EDI SKU
 P04*1**EA
 SDQ*EA*92*26*36
 SDQ*EA*92*50*24
 SDQPOC*3*DI*****CB*832685 (delete an order line)
 CTT*3
 SE*25*1007
