



**BOOKNET
CANADA**

**Unified CBISAC Version
EDI Purchase Order Change
Request – Version 004010**

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Version 1.0

Prepared by: BookNet Canada

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Change Log

June 28, 2005 (Doug Minett):

Draft for discussion

EDI Requirements and Notes

Segments and elements highlighted in bold are mandatory, while segments and elements in italics are optional.

Element Length: ISA segment contains fixed length elements. All other segments may have fixed or variable length elements.

If a segment is (OPTIONAL—REQUIRED) then it may or may not be sent but if sent then consider it a mandatory field as far as processing is concerned. For example if a DTM segment is sent with a cancel date then this segment must be processed.

The purchaser is required to provide a complete and detailed line by line purchase order change request (860). Summary only change requests will not be processed by the vendor.

The vendor is expected to process and acknowledge all POC order change lines received in the purchase order change request (860) and provide a *complete and detailed* line by line purchase order change request acknowledgement (865).



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Purchase Order Change Request
(MANDATORY)**

ISA Segment

Example: ISA*00* *00* *ZZ*SND MB ID *ZZ*RCV MB ID
*000831*1055*U*00401*000000001*0*P*

Element	Value	Length	Comment
. ISA01	00	2	'00'
. ISA02		10	' '
. ISA03	00	2	'00'
. ISA04		10	' '
. ISA05	sender mailbox qualifier	2	'ZZ' Pubnet
. ISA06	sender mailbox ID	15	sender mailbox ID
. ISA07	receiver mailbox qualifier	2	'ZZ' Pubnet
. ISA08	receiver mailbox ID	15	receiver mailbox ID
. ISA09	date	6	yymmdd
. ISA10	time	4	hhmm
. ISA11	U	1	'U' ISA standard ID
. ISA12	00401	5	'00401' ISA version ID
. ISA13	ISA control number	9	
. ISA14	0	1	'0'
. ISA15	P	1	'P' production 'T' test
. ISA16	'	1	'"' sub element separator



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GS Segment

Example: GS*PC* SND MB ID *RCV MB ID*20000831*1055*1001*X*004010

Element	Value	Length	Comment
. GS01	functional identifier code	2	'PC' purchase order change request
. GS02	sender mailbox ID	2/15	sender mailbox ID
. GS03	receiver mailbox ID	2/15	receiver mailbox ID
. GS04	date	8	ccyymmdd
. GS05	time	4	hhmm
. GS06	GS control number	1/9	
. GS07	X	1	'X' standard
. GS08	004010	1/12	'004010' version



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ST Segment

Example: ST*860*0001

Element	Value	Length	Comment
. ST01	860	3	'860'
. ST02	ST control number	1/9	



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BCH Segment

Purpose: To indicate the beginning of the purchase order change request and transmit identifying numbers and dates.

Example: BCH*04*CP****20050630*kill24*****AC

Element	Value	Length	Comment
. BCH01	transaction set purpose	2	'04' change
. BCH02	purchase order type	2	'CP' change to PO
. BCH03	PO #	1/22	purchase order #
. BCH04	not used		
. BCH05	not used		
. BCH06	860 request date	8	ccyymmdd format
. BCH07	860 reference #	1/45	link reference to 865
. BCH08	not used		
. BCH09	not used		
. BCH10	not used		
. BCH11	not used		
. BCH12	not used		
. BCH13	not used		
. BCH14	acknowledgement type	2	'AC' complete ack



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N1 Segment (Bill To)

Purpose: The N1 segment will identify the Bill-To location for the order.

Example: N1*BT* *15*1436007

Element	Value	Length	Comment
. N101	identifier code	2	'BT' bill to
. N102	<i>bill to name</i>	1/35	
. N103	bill to ID qualifier code	1/2	'15' SAN (preferred) '1' DUNS '12' phone '14' EAN/UCC location code prefix 'ZZ' user defined
. N104	bill to ID code	2/20	bill to SAN
. N105	not used		
. N106	not used		



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N1 Segment (Ship To)

Purpose: The N1 segment will identify the Ship To Location for the order.

Example: N1*ST**15*1234567

Element	Value	Length	Comment
. N101	identifier code	2	'ST' ship to
. N102	not used		
. N103	ship to ID qualifier code	1/2	'15' SAN (preferred) '1' DUNS '12' phone '14' EAN/UCC location code prefix 'ZZ' user defined
. N104	ship to ID	2/20	ship to SAN
. N105	not used		
. N106	not used		



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(MANDATORY)**

N1 Segment (Vendor)

Purpose: The N1 segment will identify the Vendor for the order. The location code will be vendors' SAN #.

Example: N1*VN**15*1234567

Element	Value	Length	Comment
. N101	identifier code	2	'VN' vendor
. <i>N102</i>	<i>vendor name</i>	<i>1/35</i>	
. N103	vendor ID qualifier code	1/2	'15' SAN (preferred) '1' DUNS '12' phone '14' EAN/UCC location code prefix 'ZZ' user defined
. N104	vendor ID code	2/20	vendor ID
. N105	not used		
. N106	not used		



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Purchase Order Change Request
(MANDATORY)**

POC Segment

Purpose: To specify purchase order change line item data. There will be one occurrence for each line item order change.

Example: POC**DI*100*50****IB*1565922255*EN*9781565922259

NOTE: Either an ISBN-10 or an ISBN-13/EAN or a EAN/UCC-14 (GTIN-14) or a UPC is mandatory. More than one main identifier may be sent (eg. ISBN-10 and ISBN-13/EAN), but only one will be used. *It is essential to check with a trading partner whether a particular identifier is supported prior to implementation.*

Element	Value	Length	Comment
. POC01	Line Number	1/20	line number from original PO – unreliable
. POC02	change/response code	2	'DI' delete item
. POC03	quantity originally ordered	1/15	
. POC04	quantity left to receive	1/9	
. POC05	not used		
. POC06	not used		
. POC07	not used		
. POC08	main ID qualifier	2	mandatory: 'IB' ISBN-10 'EN' ISBN-13/EAN 'UK' EAN/UCC-14 'UP' UPC
. POC09	main item ID	1/48	main ID #
. POC10	alt 1 ID qualifier	2	optional: 'IB' ISBN-10 'EN' ISBN-13/EAN 'UK' EAN/UCC-14 'UP' UPC 'VN' Vendor 'MG' Manufacture Code
. POC11	alt 1 ID	1/48	alternate 1 ID #
. POC12	alt 2 ID qualifier	2	optional:



- . **POC13** *alt 2 ID*
- . POC14 not used
- . POC15 not used
- . POC16 not used
- . POC17 not used
- . POC18 not used
- . POC19 not used
- . POC20 not used
- . POC21 not used
- . POC22 not used
- . POC23 not used
- . POC24 not used
- . POC25 not used
- . POC26 not used
- . POC27 not used

1/48

'IB' ISBN-10
'EN' ISBN-13/EAN
'UK' EAN/UCC-14
'UP' UPC
'VN' Vendor
'MG' Manufacture Code
alternate 2 ID #

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(OPTIONAL)

PID Segment

*Purpose: To specify unstructured line item description.
 1 occurrence for each line item.*

Example: PID*F****BOOK OF THE MONTH

<i>Element</i>	<i>Value</i>	<i>Length</i>	<i>Comment</i>
. PID01	F	1	'F' free form description
. PID02	not used		
. PID03	not used		
. PID04	not used		
. PID05	description	1/80	product description
. PID06	not used		
. PID07	not used		
. PID08	not used		
. PID09	not used		



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(MANDATORY)**

CTT Segment

Purpose: To provide totals.

Example: CTT*3*500

Element	Value	Length	Comment
. CTT01	# of line items	1/6	# of POC segments
. CTT02	hash total	1/10	total of POC03 quantities
. CTT03	not used		
. CTT04	not used		
. CTT05	not used		
. CTT06	not used		
. CTT07	not used		



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SE Segment

Example: SE*17*0001

Element	Value	Length	Comment
. SE01	number of segments	1/10	number of segments in document including ST and SE segments
. SE02	SE control number	1/9	must match ST control number



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GE Segment

Example: GE*4*1001

Element	Value	Length	Comment
. GE01	number of documents	1/6	number of documents, number of ST/SE pairs
. GE02	GE control number	1/9	must match GS control number



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IEA Segment

Example: IEA*1*000000001

Element	Value	Length	Comment
. IEA01	number of envelopes	8	number of GS/GE pairs
. IEA02	IEA control number	9	must match ISA control number



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Purchase Order Change Request

Sample Purchase Order Change Request

ISA*00* *00* *ZZ*SND MB ID *ZZ*RCV MB ID
*000831*1055*U*00401*000000001*0*P*'
GS*PC*SND MB ID*RCV MB ID*20000831*1055*1001*X*004010
ST*860*0001
BCH*04*CP****20050630*kill24*****AC
N1*BT*INDIGO BOOKS AND MUSIC*15*1436007
N1*ST**15*1234568
N1*VN**15*1234567
POC**DI*100*50****IB*1565922255*EN*9781565922259
PID*F****BOOK OF THE MONTH
POC**DI*50*50****IB*059600382X*EN*9780596003821
PID*F****BOOK OF LAST MONTH
CTT*2*150
SE*11*0001
GE*1*1001
IEA*1*000000001