



**BOOKNET
CANADA**

**Unified CBISAC Version
EDI Purchase Order Change
Acknowledgement
865 – Version 004010**

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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 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).

Question#1: What to do with completely rejected 860?

Question#2: What to do with selected rejection of 860 items?



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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*CA* SND MB ID *RCV MB ID*20000831*1055*1001*X*004010

Element	Value	Length	Comment
. GS01	functional identifier code	2	'CA' purchase order change acknowledgment
. 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*865*0001

Element	Value	Length	Comment
. ST01	865	3	'865'
. ST02	ST control number	1/9	

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BCA Segment

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

Example: `BCA*06*AC*123456***20000630*66666**kill24`

Element	Value	Length	Comment
. BCA01	transaction set purpose	2	'06' processed '12' not processed 'CO' corrected
. BCA02	acknowledgement type	2	'AC' complete ack 'RJ' rejected
. BCA03	PO #	1/22	purchase order #
. BCA04	not used		
. BCA05	not used		
. BCA06	865 date	8	
. BCA07	865 reference #	1/45	865 reference #
. BCA08	not used		
. BCA09	860 reference #	1/30	link reference from 860
. BCA10	not used		
. BCA11	not used		
. BCA12	not used		
. BCA13	not used		
. BCA14	not used		
. BCA15	not used		



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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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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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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.

Note: When 'RC' is sent, ACK segment must describe shipping status.

Element	Value	Length	Comment
. POC01	Line Number	1/20	line number from original PO – unreliable
. POC02	change/response code	2	'DI' delete item 'RC' reject of item change
. 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



. POC11	alt 1 ID	1/48	'MG' Manufacture Code
. POC12	alt 2 ID qualifier	2	alternate 1 ID #
			optional:
			'IB' ISBN-10
			'EN' ISBN-13/EAN
			'UK' EAN/UCC-14
			'UP' UPC
			'VN' Vendor
. POC13	alt 2 ID	1/48	'MG' Manufacture Code
. POC14	not used		alternate 2 ID #
. 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		

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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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ACK Segment

Purpose: To indicate the line item acknowledgement general status, quantity associated with status, ship date, possible change to ISBN, and detailed status.
Example: ACK*IA*100*EA****AI*1234567890*****BI**BO

Note: A substitute item identifier may be specified whether it is a substitute ISBN-10 or a substitute ISBN-13/EAN or a substitute EAN/UCC-14 (GTIN-14). More than one substitute 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 type is supported prior to implementation.*

Note: (sum of) ACK02 quantity(ies) should equal POC04 quantity.

Note: Where 'ID' is sent in ACK01, ACK27/28/29 will not be sent. Substitute identifier should be sent where applicable.

Element	Value	Length	Comment
. ACK01	basic line status	2	basic status only 'ID' item deleted 'IA' item accepted (ACK29 for detailed status)
. ACK02	quantity acknowledged	1/15	quantity for ACK01 status
. ACK03	unit of measure	2	'UN' unit 'EA' each
. ACK04	date qualifier	3	'067' current schedule delivery (Indigo) '068' current schedule ship ccyymmdd
. ACK05	date	8	
. ACK06	not used.		
. ACK07	substitute item ID qualifier 2		'AI' alt ISBN-10 'RR' alt ISBN-13/EAN 'SR' alt EAN/UCC-14
. ACK08	substitute item ID	1/40	substitute item ID #



. ACK09	alt subst item ID qualifier	2	'AI' alt ISBN-10
			'RR' alt ISBN-13/EAN
			'SR' alt EAN/UCC-14
. ACK10	alt subst item ID	1/40	alt substitute item ID #
. ACK11	not used.		
. ACK12	not used.		
. ACK13	not used.		
. ACK14	not used.		
. ACK15	not used.		
. ACK16	not used.		
. ACK17	not used.		
. ACK18	not used.		
. ACK19	not used.		
. ACK20	not used.		
. ACK21	not used.		
. ACK22	not used.		
. ACK23	not used.		
. ACK24	not used.		
. ACK25	not used.		
. ACK26	not used.		
. ACK27	agency qualifier code	2	'BI' maintained by BISAC
. ACK28	agency sub-qualifier code	1/15	'ACK' BISAC list name
. ACK29	detailed status code	1/30	see CBISAC ACK code list



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SCH Segment

Purpose: The SCH segment will specify shipment origin and scheduling.
Example: SCH*100*EA*SF*Western Dist Centre*068*20011231

Element	Value	Length	Comment
. SCH01	quantity	1/15	quantity
. SCH02	unit of measure	2	'UN' unit 'EA' each
. SCH03	<i>ship from ID qualifier code</i>	2	'SF' ship from
. SCH04	<i>ship from location name</i>	1/35	
. SCH05	delivery/ship qualifier	3	'067' current schedule delivery (Indigo) '068' current schedule ship
. SCH06	delivery/ship date	8	ccyymmdd
. SCH07	not used		
. SCH08	not used		
. SCH09	not used		
. SCH10	not used		
. SCH11	not used		
. SCH12	not used		



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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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Sample Book Order Change Acknowledgement

ISA*00* *00* *ZZ*SND MB ID *ZZ*RCV MB ID
*000831*1055*U*00401*000000001*0*P*'
GS*CA*SND MB ID*RCV MB ID*20000831*1055*1001*X*004010
ST*865*0001
BCA*06*AC*123456***20000630*66666**kill24
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
ACK*ID*50*EA
POC**DI*50*50****IB*059600382X*EN*9780596003821
PID*F****BOOK OF LAST MONTH
ACK*ID*50*EA
CTT*2*150
SE*13*0001
GE*1*1001
IEA*1*000000001