



**Indigo Books and Music Inc.**

**(Unified CBISAC version)**

**EDI Purchase Order Acknowledgements  
855 - Version 004010**

revision date: April 16, 2005



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### **Change Log**

Oct 1, 2002	made CTP, PID mandatory, provided for follow-up acknowledgement
July 29, 2002	Appendix A code update
July 10, 2002	BAK03 value correction
May 13, 2002	contacts updated

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## EDI Requirements and Notes

Interchange ID: 1436008  
Interchange Qualifier: ZZ  
SAN #: 1436007

Segments and elements highlighted in bold are mandatory for Chapters, 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.

The vendor is expected to process and acknowledge all PO1 order lines received in the purchase order and provide a *complete and detailed* line by line purchase order acknowledgement.

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.

Every PO line must be responded to with a POA line.

The CTP segment may be used to make price and discount changes and updates.



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**(MANDATORY)**

**ISA Segment**

Example: ISA\*00\* \*00\*ISA ID \*ZZ\* \*ZZ\*1436007  
\*000831\*1055\*U\*00200\*000000001\*0\*P\*

Element	Value	Length	Comment
. ISA01	00	2	'00'
. ISA02		10	' ' ,
. ISA03	00	2	'00'
. ISA04		10	' ' ,
. ISA05	'ZZ'	2	'ZZ' qualifier
. ISA06	sender ID	15	
. ISA07	ZZ	2	'ZZ' qualifier
. ISA08	1436008	15	'1436008 ' receiver ID
. ISA09	date	6	yymmdd
. ISA10	time	4	hhmm
. ISA11	U	1	'U' ISA standard ID
. ISA12	00200	5	'00200' ISA version ID
. ISA13	ISA control number	9	
. ISA14	0	1	'0'
. ISA15	P	1	'P' for production 'T' for test
. ISA16	'	1	"" sub element separator



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**GS Segment**

Example: GS\*PR\* GS ID \*1436007\*20000831\*1055\*1001\*X\*004010

<b>Element</b>	<b>Value</b>	<b>Length</b>	<b>Comment</b>
. GS01	PR	2	'PR'
. GS02	receiver ID	2/15	
. GS03	1436008	2/15	'1436008' sender 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\*855\*0001

<b>Element</b>	<b>Value</b>	<b>Length</b>	<b>Comment</b>
. ST01	855	3	'855'
. ST02	ST control number	1/9	





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**BAK Segment**

Purpose: To indicate the beginning of the purchase order acknowledgement and transmit identifying numbers and dates. *Exception acknowledgments are to be used for follow-up purposes only (see BAK01 and BAK02).*

Example: BAK\*00\*AC\*123456\*20000630\*\*111111\*\*222222\*20011231

Element	Value	Length	Comment
. BAK01	00	2	'00'=original '04'=change
. BAK02	AC	2	acknowledgement type 'AC'=complete ack 'AE'=exception (follow-up use only)
. BAK03	PO #	1/22	
. BAK04	PO date 8	ccyymmdd format	
. BAK05	not used		
. BAK06	<i>reference number</i>	1/45	<i>optional</i>
. BAK07	not used		
. BAK08	<i>reference ID</i>	1/30	<i>optional</i>
. BAK09	date of ack	8	acknowledgment date
. BAK10	not used.		



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*(OPTIONAL)*

**CUR Segment**

*Purpose: To indicate the currency used for the prices in the order. Only used if currency is not Canadian.*

*Example: CUR\*SE\*USD*

<b>Element</b>	<b>Value</b>	<b>Length</b>	<b>Comment</b>
. <b>CUR01</b>	<b>SE</b>	<b>2</b>	<b>'BY'=Buyer 'SE'=Seller</b>
. <b>CUR02</b>	<b>currency</b>	<b>3</b>	
. CUR03	<i>not used</i>		
. CUR04	<i>not used</i>		
. CUR05	<i>not used</i>		
. CUR06	<i>not used</i>		
. CUR07	<i>not used</i>		
. CUR08	<i>not used</i>		
. CUR09	<i>not used.</i>		
. CUR10	<i>not used.</i>		
. CUR11	<i>not used.</i>		
. CUR12	<i>not used.</i>		
. CUR13	<i>not used</i>		
. CUR14	<i>not used</i>		
. CUR15	<i>not used</i>		
. CUR16	<i>not used</i>		
. CUR17	<i>not used</i>		
. CUR18	<i>not used</i>		
. CUR19	<i>not used.</i>		
. CUR20	<i>not used.</i>		
. CUR21	<i>not used.</i>		



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**Purchase Order Acknowledgements**

**(MANDATORY)**

**N1 Segment (Bill To)**

Purpose: The N1 segment will identify the Bill-To location for the order. The location code will be Chapters' SAN #.

Example: N1\*BT\*INDIGO BOOKS AND MUSIC\*15\*1436007

<b>Element</b>	<b>Value</b>	<b>Length</b>	<b>Comment</b>
. N101	BT	2/3	'BT' bill to
. N102	INDIGO BOOKS	1/60	optional
. N103	15	1/2	'15' SAN #
. N104	location code	2/80	'1436007'
. N105	not used		
. N106	not used		



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**Purchase Order Acknowledgements  
(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

<b>Element</b>	<b>Value</b>	<b>Length</b>	<b>Comment</b>
. N101	VN	2/3	'VN' vendor
. N102	not used		
. N103	15	1/2	'15' SAN #
. N104	location code	2/80	'1234567'
. N105	not used		
. N106	not used		



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**Purchase Orders**

**(MANDATORY)**

**N1 Segment (Ship To)**

Purpose: The N1 segment will identify the Ship To Location for the order. The location code will be location's SAN #.

Example: N1\*ST\*\*15\*1234567

<b>Element</b>	<b>Value</b>	<b>Length</b>	<b>Comment</b>
. N101	<b>ST</b>	<b>2/3</b>	<b>'ST' ship to</b>
. N102	not used		
. N103	<b>15</b>	<b>1/2</b>	<b>'15' SAN #</b>
. N104	<b>location code</b>	<b>2/80</b>	<b>'1234567'</b>
. N105	not used		
. N106	not used		



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**Purchase Order Acknowledgements**  
**(MANDATORY)**

**PO1 Segment**

Purpose: To specify original purchase order line item data. 1 occurrence for each line item ordered. *PO# may be sent in follow-up acknowledgements only involving more than one PO#.*

Example: PO1\*1\*100\*EA\*10.00\* SR\*IB\*1020304050

<b>Element</b>	<b>Value</b>	<b>Length</b>	<b>Comment</b>
. PO101	<i>Line Number</i>	1/20	<i>optional</i>
. PO102	<i>Quantity</i>	1/15	
. PO103	<i>Unit of Measure</i>	2	<i>unit of measure of the quantity</i>
. PO104	<i>Unit Price</i>	1/17	<i>optional</i>
. PO105	<i>SR</i>	2	<i>'SR'=suggested list unit of measure on which the unit price is based</i>
. PO106	<i>IB/EN</i>	2	<i>'IB' ISBN # optional</i> <i>'EN' EAN # optional</i>
. PO107	<i>ISBN #</i>	1/48	<i>optional</i>
. PO108	<i>UP</i>	2	<i>'UP' UPC # optional</i>
. PO109	<i>UPC #</i>	1/48	<i>optional</i>
. PO110	<i>PO</i>	2	<i>'PO' PO # conditional</i>
. PO111	<i>Purchase order #</i>	1/48	<i>conditional</i>
. PO112	not used		<i>either an ISBN # or EAN</i>
. PO113	not used		<i>or UPC # is mandatory, but</i>
. PO114	not used		<i>only one will be used</i>
. PO115	not used		
. PO116	not used		



- . PO117 not used
- . PO118 not used
- . PO119 not used
- . PO120 not used
- . PO121 not used
- . PO122 not used
- . PO123 not used
- . PO124 not used
- . PO125 not used



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**(MANDATORY)**

**CTP Segment**

Purpose: The CTP segment will specify current price and discount.

Example: CTP\*\*SLP\*12.95\*\*\*DIS\*.8

<b>Element</b>	<b>Value</b>	<b>Length</b>	<b>Comment</b>
. CTP01	not used		
. <b>CTP02</b>	<b>SLP</b>	<b>3</b>	<b>'SLP' Suggested List Price unit price</b>
. <b>CTP03</b>	<b>12.95</b>	<b>1/17</b>	
. CTP04	not used		
. CTP05	not used		
. <b>CTP06</b>	<b>DIS</b>	<b>3</b>	<b>'DIS' Discount Multiplier multiplier indicates 20% discount .6 would indicate 40% discount</b>
. <b>CTP07</b>	<b>.8</b>	<b>1/10</b>	
. CTP08	not used		
. CTP09	not used		
. CTP10	not used		
. CTP11	not used		





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**(MANDATORY)**

**PID Segment**

*Purpose: To specify unstructured line item description.*

*1 occurrence for each line item.*

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

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



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**(MANDATORY)**

**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

Element	Value	Length	Comment
. ACK01	IA	2	<i>basic ack status only</i> <i>'IA'</i> =item accepted <i>'IR'</i> =item rejected – see <b>ACK29</b> for detailed status referring to ack status
. ACK02	quantity	1/15	
. ACK03	unit of measure	2	unit of measure of quantity
. ACK04	not used		
. ACK05	not used		
. ACK06	not used.		
. <b>ACK07</b>	<b>AI</b>	<b>2</b>	<i>'AI'</i> = <i>alternate ISBN</i> <i>optional specifying of</i> <i>replacement ISBN</i> <i>replacement ISBN</i>
. <b>ACK08</b>	<b>1234567890</b>	<b>1/48</b>	
. ACK09	not used.		
. ACK10	not used.		
. 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.		
. <b>ACK27</b>	<b>BI</b>	<b>2</b>	<b>'BI'=maintained by BISAC</b>
. <b>ACK28</b>	<b>ACK</b>	<b>1/15</b>	<b>'ACK'=BISAC code list</b>
<b>name</b>			
. <b>ACK29</b>	<b>OP</b>	<b>1/30</b>	<b>support for: AC, BA, BO, BP, BR, CA, CB, CE, CG, CO, CX, KC, OP (see Appendix A for meaning)</b>



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(OPTIONAL)

**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	100	1/15	quantity
. SCH02	EA	2	unit of measure of quantity
. SCH03	SF	2/3	'SF'=ship from
. SCH04	Western Dist Centre	1/60	ship from location
. SCH05	068	3	'068'=current schedule ship
. SCH06	20011231	8	scheduled ship date
. 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

<b>Element</b>	<b>Value</b>	<b>Length</b>	<b>Comment</b>
. CTT01	# of PO1 segments	1/6	
. CTT02	hash total	1/10	required total <i>number of PO1 quantities</i>
. CTT03	not used		
. CTT04	not used		
. CTT05	not used		
. CTT06	not used		
. CTT07	not used		



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(MANDATORY)**

**SE Segment**

Example: SE\*17\*0001

<b>Element</b>	<b>Value</b>	<b>Length</b>	<b>Comment</b>
. 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

<b>Element</b>	<b>Value</b>	<b>Length</b>	<b>Comment</b>
. 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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(MANDATORY)**

**IEA Segment**

Example: IEA\*1\*000000001

<b>Element</b>	<b>Value</b>	<b>Length</b>	<b>Comment</b>
. 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 Acknowledgement

ISA\*00\* \*00\* \*ZZ\*1436008 \*ZZ\*ISA ID  
\*000831\*1055\*U\*00200\*000000001\*0\*P\*'  
GS\*PO\*1436008\*GS ID\*20000831\*1055\*1001\*X\*004010  
ST\*855\*0001  
BAK\*00\*AC\*123456\*20000630\*\*111111\*\*222222\*20011231  
CUR\*SE\*USD  
N1\*BT\*INDIGO BOOKS AND MUSIC\*15\*1436007  
N1\*VN\*\*15\*1234567  
N1\*ST\*\*15\*1234568  
PO1\*1\*100\*EA\*10.00\*SR\*IB\*1020304050  
CTP\*\*SLP\*10.00\*\*\*DIS\*.8  
PID\*F\*\*\*\*BOOK OF THE MONTH  
ACK\*IA\*100\*EA\*\*\*\*AI\*1234567890\*\*\*\*\*BI\*ACK\*BO  
PO1\*2\*500\*EA\*4.95\*SR\*IB\*9876543210  
CTP\*\*SLP\*4.95\*\*\*DIS\*.8  
PID\*F\*\*\*\*BOOK OF THE WEEK  
ACK\*IA\*500\*EA\*\*\*\*AI\*1234567890\*\*\*\*\*BI\*ACK\*BO  
CTT\*2\*600  
SE\*16\*0001  
GE\*1\*1001  
IEA\*1\*000000001



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### Purchase Order Acknowledgements

### Appendix A (ACK29 Acknowledgement Codes)

Supported BISAC Industry Codes for Element 1271 in ACK29

Note: New ISBN will be indicated in ACK07/08 whether shipping, backordered, or cancelled

Revised Date: 29 July 2002

Meaning	Code	Note
<i>Shipping immediately</i>		
Item accepted and shipping	<b>AC</b>	
<i>Backordered</i>		
Backordered: Not yet printed	<b>BA</b>	
Backordered: Reprint under consideration	<b>BB</b>	<i>Out of stock indefinitely</i>
Backordered: Credit hold	<b>BH</b>	<i>stock reserved till cancel date?</i>
Backordered: Out of stock	<b>BO</b>	
Backordered: Partial shipment	<b>BP</b>	should use 2 ACK's, one for AC, one for BP - watch quantity
Backordered: Reprinting	<b>BR</b>	<i>not Out of stock indefinitely</i>
<i>Cancelled</i>		
Cancelled: Not yet printed	<b>CA</b>	
Cancelled: Not out publication	<b>CB</b>	unknown ISBN
Cancelled: Partial shipment	<b>CE</b>	should use 2 ACK's, one for AC, one for CE - watch quantity
Cancelled: No geographical rights	<b>CG</b>	no Canadian Rights
Cancelled: Out of stock	<b>CO</b>	
Cancelled: Below order minimum	<b>CQ</b>	value or quantity
Cancelled: Reprinting	<b>CR</b>	<i>not Out of stock indefinitely</i>
Cancelled: Publication cancelled	<b>CX</b>	
Cancelled: Item rejected (credit hold)	<b>IR</b>	special CBISAC meaning?
Cancelled: Reprint under consideration	<b>KC</b>	<i>Out of stock indefinitely</i>
Cancelled: Market type restriction	<b>KM</b>	school vs professional vs retail etc
Cancelled: Out of print	<b>OP</b>	