

ASC X12 855 Purchase Order Acknowledgment
Barnes & Noble Transaction Subset

KEY TO FORMAT

Data to left - ASC X12 Data Element Designation

Description in center - ASC X12 Data Element description

Data to right - ASC X12 constant value or data to be sent

"Null" - indicates no data sent (or recognized) for the Data Element

Table 1

<u>GS</u>		<u>FUNCTIONAL GROUP HEADER</u>		
GS01	479	ID	Functional Identifier Code	'PR'
GS02	142	AN	Application Sender's Code	B&N Distribution SAN
GS03	124	AN	Application Receiver's Code	Vendor SAN
GS04	29	DT	Group Date (Translator Generated)	CCYYMMDD
GS05	30	TM	Group Time (Translator Generated)	HHMM
GS06	28	N0	Group Control Number	Sequentially assigned to each functional group
GS07	455	ID	Responsible Agency Code	'X'
GS08	480	ID	Version/Release/Industry ID Code	'004010'

ST TRANSACTION SET HEADER

ST01	143	ID	Transaction Set Identifier Code	'855'
ST02	329	AN	Transaction Set Control Number	Sequentially assigned within functional groups

Table 2

BAK BEGINNING SEGMENT FOR PURCHASE ORDER ACKNOWLEDGEMENT

BAK01	353	ID	Transaction Set Purpose Code	As Appropriate
			Original '00'	
			Cancellation '01'	
			Add '02'	
			Delete '03'	
			Change '04'	
BAK02	587	ID	Acknowledgment Type Code	As Appropriate
			'AC'- Ack. with Detail and Change	
			'AD'- Ack. with Detail and no Change	
			'AE' - Ack. with Exception Detail Only	
			'AK' - Ack. with No Detail or Change	
			'RJ'- Rejected with No Detail	
BAK03	324	AN	Purchase Order Number	Per Sender
BAK04	373	DT	Purchase Order Date (CCYYMMDD)	Per Sender
BAK05	328	AN	Release Number	Null
BAK06	326	AN	Request Reference Number	Null
BAK07	367	AN	Contract Number	Null
BAK08	127	AN	Reference Number	Null
BAK09	373	DT	Acknowledgment Date (CCYYMMDD)	Date of acknowledgment

NTE		NOTE/SPECIAL INSTRUCTIONS		
NTE01	363	ID	Note Reference code	Null
	3	AN	Free Form Message	Null

CUR		CURRENCY		OPTIONAL
CUR010	98	ID	Entity Identifier Co	'BY'
CUR020	100	ID	Currency Code	'USD'
CUR030	280	R	Exchange Rate	Null
CUR040	98	ID	Entity Identifier Co	Null
CUR050	100	ID	Currency Code	Null
CUR060	669	ID	Currency Market/Exchange	Null
CUR070	374	ID	Date/Time Qualifier	Null
CUR080	373	DT	Date	Null
CUR090	337	T8	Time	Null

Note:
 CUR100 - CUR210 Use as required

DTM		DATE/TIME REFERENCE		
DTM01	374	ID	Date/Time Qualifier '001' - Cancel after '004' - PO Order Date '177' - Cancellation Date	As Required
DTM02	373	DT	Date	CCYYMMDD
DTM03	337	TM	Time	Null
DTM04	623	ID	Time Code	Null

N1		NAME		
N101	98	ID	Entity Identifier Code 'ST' Ship-To	As Appropriate
N102	93	AN	Name (Optional)	Null
N103	66	ID	Identification Code Qualifier '15' - SAN	'15'
N104	67	ID	Identification Code (Ship To SAN)	Per Sender

REF		REFERENCE NUMBERS		
REF01	128	ID	Reference Number Qualifier 'IT' - Internal Customer Number	'IT'
REF02	127	AN	Reference Number	Per Sender

PO1		PURCHASE ORDER BASELINE ITEM DATA		
PO101	350	AN	Assigned Identifier (Line Item Number)	Per Sender
PO102	330	R	Quantity Ordered	Per Sender
PO103	255	ID	Unit of Measurement Code 'UN' - Unit 'ST'- Set	'UN'
PO104	212	R	Unit Price	Per Sender
PO105	639	ID	Basis Unit Price Code 'SR' - Suggested Retail (List)	'SR'
PO106	235	ID	Product/Service ID Qualifier 'IB' - ISBN 'UP' - UPC-12 'EN' - EAN-13 'UK' -GTIN-14	Preferred "IB"
PO107	234	AN	Product/Service ID	Per Sender
PO108	235	ID	Product/Service ID Qualifier 'IB' - ISBN 'UP' - UPC-12 'EN' - EAN-13 'UK' -GTIN-14	Preferred "EN"
PO109	234	AN	Product/Service ID	ISBN,UPC,EAN,GTIN
PO110	235	ID	Product/Service ID Qualifier 'IB' - ISBN 'UP' - UPC-12 'EN' - EAN-13 'UK' -GTIN-14	Preferred "UK"
PO111	234	AN	Product/Service ID	ISBN,UPC,EAN,GTIN

PO112	235	ID	Product/Service ID Qualifier 'IB' - ISBN 'UP' - UPC-12 'EN' - EAN-13 'UK' -GTIN-14	As Appropriate
PO113	234	AN	Product/Service ID	ISBN,UPC,EAN,GTIN
PO114	235	ID	Product/Service ID Qualifier 'IB' - ISBN 'UP' - UPC-12 'EN' - EAN-13 'UK' -GTIN-14	As Appropriate
PO115	234	AN	Product/Service ID	ISBN,UPC,EAN,GTIN

CTP PRICING INFORMATION

CTP010	687	ID	Class of Trade Code	Null
CTP020	236	ID	Price Identifier Code	Null
CTP030	212	R	Unit Price	Null
CTP040	380	R	Quantity	Null
CTP050	355	ID	Unit of Measurement	Null
CTP060	648	ID	Price multiplier Qualifier	'DIS'
CTP070	649	R	Multiplier	Value

Multiplier of .65 reflects a 35% discount

SCH		LINE ITEM SCHEDULE (mandatory segment)			
SCH01	380	R	Quantity		quantity shipped
SCH02	355	ID	Unit or Basis for Measurement		'UN' or 'EA'
SCH03	098	ID	Entity Identifier		Null
SCH04	093	ID	Name		Null
SCH05	374	ID	Date / Time Qualifier		
			'068' Current Schedule ship		
			'080' Scheduled for Shipment		
SCH06	373	ID	Date*	(CCMMDDYY)	OP/NYP Avail. Date
SCH07 – SCH11			NOT USED		

ACK **LINE ITEM ACKNOWLEDGMENT**

ACK01	668	ID	Line Item Status Code (X12 Stds.)	Per Sender
ACK02	380	R	Quantity	*depending on code in ACK010
ACK03	355	ID	Unit or Basis for Measurement	‘EA’ or ‘UN’
ACK04	374	ID	Date / Time Qualifier 140 Actual Date	Per Sender
ACK05	373	ID	Date (CCMMDDYY)	Per Sender
ACK06 - ACK26	NOT USED			

***example**

if ACK010 = ‘BO’ then the value in the ACK02 should be what was backordered.

Table 3

CTT			TRANSACTION TOTALS	
CTT01	354	N0	Number of Line Items	Count of PO1 Segments
CTT02	347	R	Hash Total	Hash Total Units

SE **TRANSACTION SET TRAILER**

SE01	96	N0	Number of Included Segments	Count of all segments including 'ST' and 'SE'
SE02	329	AN	Transaction Set Control Number	Must be the same number as in the ST02 segment

GE **FUNCTIONAL GROUP TRAILER**

GE01	97	N0	Number of Included Sets	Count of 'ST' segments
GE02	28	N0	Group Control Number	Must be the same number as in the GS06 segment