

Books-a-Million

856 – Ship Notice/Manifest

Element	Ref Num	Description	Man/O pt	Type - Min/Max	Valid Values	Comments
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TABLE 1 – Header

ST Transaction Set Header			Mandatory			
ST01	143	Transaction Set ID Code	M	ID - 3/3	856	
ST02	329	Transaction Set Control Number	M	AN - 4/9		Sequentially assigned within the transaction set

BSN Beginning Segment for Ship Notice			Mandatory			
BSN01	353	Transaction Set Purpose Code	M	ID - 2/2	00	“00” - Original
BSN02	396	Shipment Identification	M	AN - 2/30		Shipment Identification
BSN03	373	Date	M	DT - 6/6		Shipment Date
BSN04	337	Time	M	TM - 4/4		Shipment Time
BSN05	1005	Hierarchical Structure Code	O		0001	

HL Hierarchical Level (Shipment)			Mandatory			
HL01	628	Hierarchical Id Number	M	AN - 1/12		Number of HL Segments
HL03	735	Hierarchical Level Code	M	ID - 1 / 2	S	“S” - Shipment

TD1 Carrier Details (Quantity and Weight)			Mandatory			
TD101	103	Packaging Code	O	ID - 5/5	CTN25	
TD102	80	Lading Quantity	C	N0 - 1/7		Shipment Cartons
TD106	187	Weight Qualifier	O	ID - 1/ 2	G	“G” - Gross Weight
TD107	81	Weight	C	R - 1/8		Shipment Weight
TD108	355	Unit/Basis Measurement Code	C	ID - 2/2	LB	“LB” - Pound

TD5 Carrier Details Routing Sequence/			Mandatory			
TD502	66	Identification Code Qualifier	C	ID - 1/ 2	2	
TD503	67	Identification Code	C	ID - 2/17		Carrier Number
TD504	91	Transportation Method/Type Code	C	ID - 1/ 2	U	

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REF			Reference Identification		Mandatory	
REF01	128	Reference Identification Qualifier	M	ID – 2/2	BM	“BM” - Bill of Lading Number
REF02	127	Reference Identification	C	AN – 1/30		Manifest Number

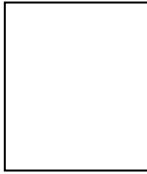
DTM			Date/Time Reference		Mandatory	
DTM01	374	Date/Time Qualifier	M	ID – 3/3	011	“011” – Shipped On This Date/Time
DTM02	373	Date	C	DT – 6/6		Date – Year/Month/Day Format

NI			NI Name Loop		Mandatory	
N101	98	Entity ID Code	M	ID – 1/ 2	ST	“ST” – Ship To
N103	66	Identification Code Qualifier	C	ID – 1/ 2	92	“92” - Store Number or “15” Standard Address
N104	67	ID Code	C	AN – 2/17		Store (Example: 00111) leading zeros

HL			Hierarchical Level (Order)		Mandatory	
HL01	628	Hierarchical Id Number	M	AN – 1/12		Number of HL Segments
HL02	734	Hierarchical Parent ID Number	O	AN – 1/12		Parent Level of Hierarchical Segment
HL03	735	Hierarchical Level Code	M	ID – 1 / 2	O	“O” - Shipment

PRF			Purchase Order Reference		Mandatory	
PRF01	324	Purchase Order Number	M	AN – 1/22		Purchase Order Number
PRF04	373	Date	O	DT – 6/6		Purchase Order Date

REF			Reference Identification		Mandatory	
REF01	128	Reference Identification Qualifier	M	ID – 2/2	IV	“IV” Invoice
REF02	127	Reference Identification	C	AN – 1/30		Invoice Number



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HL Hierarchical Level (Tare)			Mandatory			
HL01	628	Hierarchical Id Number	M	AN – 1/12		Number of HL Segments
HL02	734	Hierarchical Parent ID Number	O	AN – 1/12		Parent Level of Hierarchical Segment
HL03	735	Hierarchical Level Code	M	ID – 1 / 2	T	“T” - Tare

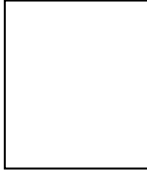
PO4 Item Physical Details			Mandatory			
PO401	356	Pack	O	N0 – 1/6		Packing

MAN Marks and Numbers			Mandatory			
MAN01	88	Marks and Numbers Qualifier	M	ID – 1 / 2	GM	“GM” - General Merchandise
MAN02	87	Marks and Numbers	M	AN – 1/45		Barcode

HL Hierarchical Level (Pack)			Mandatory			
HL01	628	Hierarchical Id Number	M	AN – 1/12		Number of HL Segments
HL02	734	Hierarchical Parent ID Number	O	AN – 1/12		Parent Level of Hierarchical Segment
HL03	735	Hierarchical Level Code	M	ID – 1 / 2	P	“P” - Pack

MAN Marks and Numbers			Optional			
MAN01	88	Marks and Numbers Qualifier	M	ID – 1 / 2	GM	“GM” - General Merchandise
MAN02	87	Marks and Numbers	M	AN – 1/45		Barcode

HL Hierarchical Level (Item)			Mandatory			
HL01	628	Hierarchical Id Number	M	AN – 1/12		Number of HL Segments
HL02	734	Hierarchical Parent ID Number	O	AN – 1/12		Parent Level of Hierarchical Segment
HL03	735	Hierarchical Level Code	M	ID – 1 / 2	I	“I” - Item



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<i>LIN</i>		<i>Item Identification</i>		<i>Mandatory</i>	
LIN02	235	Product/Service ID Qualifier	M	ID – 1/ 2	IB “IB” - International Standard Book Number
LIN03	234	Product/Service ID	M	AN – 1/30	ISBN

<i>SNI</i>		<i>Item Detail</i>		<i>Mandatory</i>	
SN102	382	Number of Units Shipped	M	R 1/10	Quantity Shipped
SN103	355	Unit of Basis for Measurement	M	ID – 2/2	EA “EA” - Each

<i>SLN</i>		<i>Detail</i>		<i>Mandatory</i>	
SLN01	350	Assigned Identification Number	M	AN - 1/20	1
SLN06	212	Unit Retail Price	M	R – 1/17	
SLN07	639	Basis Unit Price Code	M	ID - 2/2	PE

<i>SE</i>		<i>Transaction Set Header</i>		<i>Mandatory</i>	
SE01	96	Number of Included Segments	M	AN - 1/10	Count of All segments including the ST & SE segments
SE02	329	Transaction Set Control Number	M	AN- 4/9	Matches the Number in the ST02

Example Data

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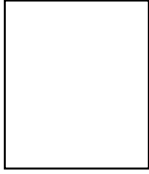
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1|U|00200|000000097|0|T|>
GS|SH|2002450|1698028|20010824|0541|97|X|004010
ST|856|0843
BSN|00|007153379|20010824|0541|0001
HL|1||S
TD1|CTN25|5|||G|96|LB
TD5||2|EMERY|U
REF|BM|0071533790
  
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DTM|011|20010823
N1|ST||15|1698028
HL|2|1|O
PRF|DAVA082201A
REF|IV|007153379
HL|3|2|P
MAN|GM|38065530
HL|4|3|I
LIN||IB|0684856093
SN1||20|EA
SLN|1||O||14|PE
PRF|DAVA082201A
HL|5|2|P
MAN|GM|38065540
HL|6|5|I
LIN||IB|0684856093
SN1||20|EA
SLN|1||O||14|PE
PRF|DAVA082201A
HL|7|2|P
MAN|GM|38065550
HL|8|7|I
LIN||IB|0684856093
SN1||20|EA
SLN|1||O||14|PE
PRF|DAVA082201A
HL|9|2|P
MAN|GM|38065560
HL|10|9|I
LIN||IB|0684856093
SN1||20|EA
SLN|1||O||14|PE
PRF|DAVA082201A
HL|11|2|P
MAN|GM|38065570
HL|12|11|I



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LIN||IB|0684856093
SN1||20|EA
SLN|1||O||14|PE
PRF|DAVA082201A
CTT|12
SE|48|0843