



**BOOKNET
CANADA**

**EDI Return Merchandise
Notification
180 – Version 004010**

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Version .91

Prepared by: Booknet Canada

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Change Log

October 6, 2005 (Doug Minett):

Draft for EDI committee

Dec 15, 2005 (Doug Minett):

PO1: note added for support of 'VN' (vendor number) main identifier.

PER: added explicit support of communication numbers

BLI: fixed ID descriptions

Dec 31, 2005 (Doug Minett)

BGN: removed incorrect "claim #" note from comment on BGN02.

Dec 31, 2005 (Doug Minett):

Clarified reference # usage in notes.

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.

Notes on document sequence:

Step #1: The retailer generates a 180N (Returns Merchandise Notification request) for items that it wishes to return, or potentially markdown.

Step #2: The supplier processes the request. Considerations during the processing may include: checking whether the items were purchased by the retailer, checking whether the items are still returnable, considering whether to offer markdowns if the items are not returned, considering whether to provide exception notes to retailer to encourage that they continue to hold an item.

Step #3: The supplier generates a 180A (Returns Merchandise Authorization response) which provides a complete response to the 180N. The response may include reasons for rejection, general RMA #, markdown authorization #(s), or exception notes for consideration by the retailer.

Step #4: The retailer does exception processing of the 180A that facilitates further consideration prior to final decisions to return/destroy goods, accept markdown offer(s).

Step #5: The retailer generates 856R (Advanced Ship Notice for returns), quoting necessary authorization numbers for supplier.

Step #6a: Following generation of the 856R and shipment of physical goods, 810DR (Invoice – Debit Memo) is generated, quoting necessary authorization numbers from the supplier.

Step #6b: Where markdown offer(s) are accepted, 810DR (Invoice – Debit Memo) is generated, quoting necessary authorization numbers from the supplier to obtain the offer.

Step #7: The supplier processes the various 810DR documents. This may involve cross-referencing an 810DR with an 856R as well as a previously sent 180A, or merely cross-referencing an 810DR with the previously sent 180A – in the case of markdown offer(s).

Step #8: The supplier generates an 810CR credit memo document in response to the 810DR.

Step #9: The retailer does exception processing that compares the 810CR against the original 810DR.

Note on reference numbers:

- *Transaction reference link* (return request #) between 180N and 180A: The value sent within the 180N BGN02 must be returned within the BGN06 in the 180A.
- *Transaction reference link* (claim ID#) between 856R, 810DR and 810CR: The value sent within REF02 of the 856R REF 'D9' segment must be repeated in the same location in the BIG02 in the 810DR and returned by the supplier in the REF 'D9' in the 810CR.
- *Authority reference for return (RMA#)* (where applicable) link between 180A, 856R, 810DR, and 810CR: The value sent within N902 of the N9 'RZ' segment in the 180A must be returned within the REF02 of the REF 'RZ' segment in the 856R and the 810DR.
- *Authority reference for markdown* (authorization #)(where applicable): The value sent within N902 of the N9 'BB' segment in the 180A must be returned within REF02 of the REF 'BB' segment in the 810DR (in Table 1 (document level) or where Table 1 value is over-ridden, in Table 2 (line level)).

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ISA Segment

Example: ISA*00* *00* *ZZ*SND MB ID *ZZ*RCV MB ID
*000930*1105*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*AN*SND MB ID*RCV MB ID*20000930*1105*1001*X*004010

| Element | Value | Length | Comment |
|----------------|----------------------------|---------------|--------------------------------------|
| . GS01 | functional identifier code | 2 | 'AN' Return Merchandise Notification |
| . 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*180*0001

| Element | Value | Length | Comment |
|----------------|-------------------|---------------|----------------|
| . ST01 | 180 | 3 | '180' |
| . ST02 | ST control number | 1/9 | |

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BGN Segment

Purpose: To indicate the beginning of the return merchandise notification and transmit notification reference number.

Example: BGN*13*1234567*20051031****RD

| Element | Value | Length | Comment |
|----------------|-------------------------------------|---------------|-----------------------------------|
| . BGN01 | transaction set purpose | 2 | '13' request |
| . BGN02 | 180 request reference # | 1/30 | return request # |
| . BGN03 | 180 request date | 8 | ccymmdd format |
| . BGN04 | not used | | |
| . BGN05 | not used | | |
| . BGN06 | not used | | |
| . BGN07 | <i>transaction type code</i> | 2 | <i>'RD' returns detail</i> |
| . BGN08 | not used | | |
| . BGN09 | not used | | |

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(OPTIONAL)

PER Segment

Purpose: The PER segment is used to identify the buyer responsible for the return merchandise notification. Maximum (2) iterations at this location.

*Example: PER*BD*JIM BARKER*EM*jim@largebox.com*WP*18001234567*

| Element | Value | Length | Comment |
|----------------|----------------------------|---------------|--|
| . PER01 | contact function qualifier | 2 | 'BD' buyer name |
| . PER02 | buyer's name | 1/35 | buyer's name |
| . PER03 | communication # qualifier | 2 | 'EM' email, 'WP', workphone 'FX' fax, 'AP' alternate phone |
| . PER04 | communication # | 1/80 | |
| . PER05 | communication # qualifier | 2 | |
| . PER06 | communication # | 1/80 | |
| . PER07 | communication # qualifier | 2 | |
| . PER08 | communication # | 1/80 | |
| . PER09 | not used | | |

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N1 Segment (Bill To)

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

Example: N1*BT**15*1436008

| 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 customer.

Example: N1*ST**15*1186213

| Element | Value | Length | Comment |
|----------------|---------------------------|---------------|---|
| . N101 | identifier code | 2 | 'ST' ship to |
| . N102 | not used | 1/35 | |
| . 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 return merchandise notification.

Example: N1*VN**15*1234567

| Element | Value | Length | Comment |
|---------|--------------------------|--------|---|
| . N101 | identifier code | 2 | 'VN' vendor |
| . N102 | vendor name | 1/35 | |
| . 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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DTM Segment (estimated start date)

Purpose: To indicate the estimated start date of the return merchandise notification proposal/request.

*Example: DTM*244*20000930*

| Element | Value | Length | Comment |
|----------------|-----------------------|---------------|-----------------------------------|
| . DTM01 | date qualifier | 3 | '244' estimated start date |
| . DTM02 | shipped date | 8 | ccyymmdd format |
| . DTM03 | <i>not used</i> | | |
| . DTM04 | <i>not used</i> | | |
| . DTM05 | <i>not used</i> | | |
| . DTM06 | <i>not used</i> | | |

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BLI Segment

Purpose: To specify the basic Return Merchandise Notification line item data.
Separate BLI loops should be sent where multiple invoice numbers apply and are required by the supplier.

Example: BLI* IB*10203040501*25*EA*10.36*NET

NOTE: Either an ISBN-10 or an ISBN-13/EAN or a EAN/UCC-14 (GTIN-14) or a UPC is usually mandatory. When this is impossible, a trading partner specific vendor number (qualifier = 'VN') may be used as the main identifier. More than one 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 |
|---------|-------------------------|--------|---|
| . BLI01 | main item ID qualifier | 2 | mandatory: 'IB' ISBN-10 'EN' ISBN-13/EAN 'UK' EAN/UCC-14 'UP' UPC |
| . BLI02 | main item ID | 1/48 | main ID # |
| . BLI03 | 180 request quantity | 1/15 | |
| . BLI04 | unit of measure | 2 | 'UN' unit 'EA' each |
| . BLI05 | unit price | 1/17 | unit price |
| . BLI06 | unit price qualifier | 3 | 'NET' net price |
| . BLI07 | not used | | |
| . BLI08 | alt 1 item ID qualifier | 2 | optional/required: 'IB' ISBN-10 'EN' ISBN-13/EAN 'UK' EAN/UCC-14 'UP' UPC |
| . BLI09 | alt 1 item ID | 1/48 | alt 1 ID # |
| . BLI10 | alt 2 ID qualifier | 2 | optional/required: |



| | | | |
|----------------|---------------------------|-------------|------------------------------|
| | | | 'IB' ISBN-10 |
| | | | 'EN' ISBN-13/EAN |
| | | | 'UK' EAN/UCC-14 |
| | | | 'UP' UPC |
| | | | 'VN' Vendor |
| | | | 'MG' Manufacture Code |
| . BLI11 | alt 2 ID | 1/48 | alternate 2 ID # |
| . BLI12 | alt 3 ID qualifier | 2 | optional/required: |
| | | | 'IB' ISBN-10 |
| | | | 'EN' ISBN-13/EAN |
| | | | 'UK' EAN/UCC-14 |
| | | | 'UP' UPC |
| | | | 'VN' Vendor |
| | | | 'MG' Manufacture Code |
| . BLI13 | alt 3 ID | 1/48 | alternate 3 ID # |
| . BLI14 | alt 4 ID qualifier | 2 | optional: |
| | | | 'IB' ISBN-10 |
| | | | 'EN' ISBN-13/EAN |
| | | | 'UK' EAN/UCC-14 |
| | | | 'UP' UPC |
| | | | 'VN' Vendor |
| | | | 'MG' Manufacture Code |
| . BLI15 | alt 4 ID | 1/48 | alternate 4 ID # |
| . BLI16 | not used | | |
| . BLI17 | not used | | |
| . BLI18 | not used | | |

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N9 Segment (invoice number)

Purpose: To indicate the original supplier invoice number.

*Example: N9*OI*12345*

| <i>Element</i> | <i>Value</i> | <i>Length</i> | <i>Comment</i> |
|-----------------------|------------------------------|----------------------|---------------------------------------|
| . N901 | reference identifier | 2/3 | 'OI' original invoice number |
| . N902 | <i>invoice number</i> | 1/30 | <i>supplier invoice number</i> |
| . N903 | not used | | |
| . N904 | not used | | |
| . N905 | not used | | |
| . N906 | not used | | |
| . N907 | not used | | |

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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

| Element | Value | Length | Comment |
|----------------|--------------------|-------------|----------------------------------|
| . 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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RDR Segment

Purpose: To indicate the return disposition reason.

*Example: RDR**EI*

| Element | Value | Length | Comment |
|----------------|-------------------------------------|---------------|--|
| . RDR01 | not used | | |
| . RDR02 | return request reason code 2 | | 'DA' damaged product (on receipt) 'EI' excess inventory 'SP' shipped past cancel date 'WG' wrong goods sent/not ordered |
| . RDR03 | not used | | |
| . RDR04 | not used | | |
| . RDR05 | 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 Return Merchandise Notification

ISA*00* *00* *ZZ*SND MB ID *ZZ*RCV MB ID
*000930*1105*U*00401*000000001*0*P*'
GS*AN*SND MB ID*RCV MB ID*20000930*1105*1001*X*004010
ST*180*0001
BGN*13*1234567*20051031****RD
*PER*BD*JIM BARKER*
N1*BT*PURCHASER NAME* 15*1234567
N1*ST**15*1111111
N1*VN*VENDOR NAME* 15*1234567
*DTM*244*20000930*
BLI* IB*10203040501*25*EA*10.36*NET
N9*OI*1234
PID*F****BOOK OF THE MONTH
*RDR**EI*
SE*12*0001
GE*1*1001
IEA*1*000000001