BOOKNET CANADA

Unified CBISAC Version
EDI Payment Admittance Advice
820 – Version 004010

January 2004

Version 1.0

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                    EDI Document Standards Committee

Distribution: Industry-wide

Table of Contents

Change Log

October 16, 2003
- Added further explanations into notes
- Added codes for electronic funds transfer (EFT) into BPR segment
- Changed comment in TRN02 for EFT
- Added 2nd DTM segment in header for cheque/EFT date
- Added additional location code qualifiers to N103
- Added optional REF segment in address section for account info
- Added NTE segment to non-invoice ADX loop to give explanation to non-invoice adjustment
- Added appendix with proposed code list for ADX02 – adjustment reason code
- Added appendix with proposed code list for ADX03 – adjustment number ID code
- Added credit note code to RMR01
- Added codes for RMR03 – payment action code
- Added ADX loop for individual invoices
- Changed example 820 to reflect above changes
- Changed table of contents to reflect above changes

November 3, 2003
- Add BKW as data element to BPR04
- Removed 'ZZ' from all N1 segments
- Updated all data element codes for ADX02 and ADX03
- Added PP as data element for RMR03
- DTM01 removed '003' data element
- Inclusion of implementation guideline comments

November 19, 2003
- Include loops in headers
- Removed 'AJ' Adjustment from RMR03
- Example updated to demonstrate credit note

Overview

This document can speed the reconciliation of payment from retailers to publishers, providing details on charge-backs, returns credits and payments to invoices. The 820 allows the automation of many aspects of the Accounts Receiving process – matching of outstanding invoices, credits, chargebacks, and short-shipment claims. Depending on implementation, it can be simply an advisory of payment for a cheque being issued, or it can contain the complete details required for an Electronic Funds Transfer.

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.

A code of 'C' in BPR03 represents that the amount in BPR02 will be paid to the payee either by cheque or electronic funds transfer. A code of 'D' represents that the payees account will be debited by the amount in BPR02.

The first ADX loop will be used for adjustments to the overall payment amount that do not apply to any payee generated financial number (generally an invoice number but also including numbers such as a credit memo number, etc.)

The ADX loop inside the RMR loop will be used for adjustments applied to a payee's financial document (e.g. invoice). This loop will include all adjustments to this document including term's discount (e.g. 2% in 10 days).

RMR04 represents the total amount of the payee's document after adjustments are applied. RMR05 is the total prior to adjustment. RMR06 is the total of all adjustments to the payee's document.

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ISA Segment

Example: ISA*00*   *00*ISA ID   *ZZ*   *ZZ*1436008
*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

Purpose: General enveloping.
Example: GS*PR* GS ID *1436008*20000831*1055*1001*X*004010

Element	Value	Length	Comment
GS01	RA	2	'RA'
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

Purpose: General enveloping.
Example: ST*820*0001

Element	Value	Length	Comment
ST01	820	3	'820'
ST02	ST control number	1/9	

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BPR Segment

Purpose: Beginning Segment for Payment Order/Remittance Advice. Shows the total monetary amount for the document, whether it is a credit or debit, and what type of payment is being processed (ie. Cheque or funds transfer).
Example: BPR*I*240.15*C*CHK*PBC

Element	Value	Length	Comment
BPR01	**I**	**1**	**'I' remittance information only**
BPR02	**Monetary Amount**	**1/18**	
BPR03	**Credit/Debit Flag Code**	**1**	**'C' credit** **'D' debit**
BPR04	**Payment Method Code**	**3**	**'CHK' cheques** **'DDP' direct deposit** **'BKW' Book entry**
BPR05	**Payment Format Code**	**1/10**	**'PBC' commercial/ corporate cheque** **'BPT' bill payment**
BRP06 not used			
BPR07 not used			
BPR08 not used			
BPR09 not used			
BPR10 not used			
BPR11 not used			
BPR12 not used			
BPR13 not used			
BPR14 not used			
BPR15 not used			
BPR16 not used			
BPR17 not used			
BPR18 not used			
BPR19 not used			
BPR20 not used			
BPR21 not used			

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TRN Segment

Purpose: The TRN segment will identify a tracing number (cheque number).
Example: TRN*1*1234567

Element	Value	Length	Comment
TRN01	**I**	**1**	**'1' current transaction trace number**
TRN02	**Reference Identification**	**1/30**	**Trace number (e.g. cheque number)**
TRN03 not used			
TRN04 not used			

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DTM Segment **(Creation Date)**

Purpose: The DTM segment will identify the creation date of the transaction.
Example: DTM*097*20030926*0745

Element	Value	Length	Comment
DTM01	**097**	**3/3**	**'097' transaction creation date**
DTM02	**Date**	**8**	**Ccyymmdd**
DTM03	**Time**	**4**	**hhmm**
TRN04 not used			
TRN05 not used			
TRN06 not used			

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DTM Segment **(Cheque/EFT Date)**

Purpose: The DTM segment will identify the cheque/EFT date.
Example: DTM*020*20030926*0745

Element	Value	Length	Comment
DTM01	097	3/3	'020' cheque date '107' deposit date
DTM02	date	8	ccyymmdd
DTM03	*time*	*4*	*hhmm*
DTM04 not used			
DTM05 not used			
DTM06 not used			

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N1 Segment (Payee)

Purpose: The N1 segment will identify the Payee for the cheque/EFT.
Example: N1*PE**15*1234567

Element	Value	Length	Comment
N101	**PE**	**2**	**'PE' payee**
N102 not used			
N103	**location qualifier code**	**2**	**'15' SAN**
N104	**Location code**	**2/80**	**'1234567'**
N105 not used			
N106 not used			

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 (OPTIONAL)

REF Segment (Billing Account Number)

Purpose: This REF segment is used to indicate the account number under which the payment is rendered.
Example: REF*12*12345678

Element	Value	Length	Comment
REF01	12	2	'12' account #
REF02	account #	1/30	
REF03 not used			
REF04 not used			
REF05 not used			
REF06 not used			

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N1 Segment (Payer)

Purpose: The N1 segment will identify the payer of the cheque/EFT.
Example: N1*PR**15*1436008

Element	Value	Length	Comment
N101	**PR**	**2/3**	**'PR' payer**
N102	not used		
N103	**location qualifier code**	**2**	**'15' SAN**
N104	**Location code**	**2/80**	
N105 not used			
N106 not used			

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ENT Segment

Purpose: The ENT segment will identify a consecutive number with the payment or adjustment.
Example: ENT*1

Element	Value	Length	Comment
ENT01	**assigned number**	**1/6**	
ENT02	*not used*		
ENT03	*not used*		
ENT04	*not used*		
ENT05	*not used*		
ENT06	*not used*		
ENT07	*not used*		
ENT08	*not used*		
ENT09	*not used*		

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(OPTIONAL - REQUIRED)

ADX Segment

Purpose: The ADX segment will specify adjustments. (See implementation guidelines below)
Example: ADX*10.00*C1*CD*456321

Element	Value	Length	Comment
ADX01	*Adjustment Amount*	*1/18*	
ADX02	*Adjustment Reason Code*	*2*	*'01' Pricing Error* *'06' Quantity Contested* *'07' Incorrect Product* *'11' Return – Damaged* *'12' Return – Quality* *'74' Cancel or Adjust Prior Credit/Debit Adjustment* *'79' cooperative Advertising* *'83' Delivery Charge* *'90' Early Payment* *'A5' Overage* *'B2' Rebate* *'BF' Return Allowance* *'C1' Settlement of Account* *'CS' Adjustment* *'L2' Discount* *'L3' Penalty* *'L8' Miscellaneous Credits*
ADX03	*Reference ID Qualifier*	*2/3*	*'1X' Credit or Debit Adjustment Number* *'9F' Referral Number* *'BB' Authorization Number* *'CD' Credit Note Number* *'DB' Buyer's Debit Memo* *'RZ' Returned Goods Authorization Number*
ADX04	*Reference Identification*	*1/30*	*ID number*

Implementation guidelines:
This segment is only to be used for adjustments for which there is no reference from the seller (ie. Chargebacks, credits, etc.). All other adjustments, referring to seller documents (invoices, etc.) are made in the ADX that is included in the RMR loop.

07 code – business process have to distinguish between the return of incorrect product and a regular return. Product returned using 07 will require separate handling and must be kept out of the regular returns process to avoid double-crediting.

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(OPTIONAL)

NTE Segment

Purpose: The NTE segment can be used to give a more detailed explanation to the adjustment in the previous ADX segment.
Example: NTE*ADD*INVOICE MATCHING CORRECTION

Element	Value	Length	Comment
NTE01	*ADD*	*3*	*'ADD' additional information*
NTE 02	*Additional Information*	*1/80*	

Implementation guidelines: if L8 is used in ADX02 then this segment is mandatory. This is a descriptive note only and no numbers with business significance (document references, invoice or credit references, etc.) will be transmitted in this segment.

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(OPTIONAL)

REF Segment

Purpose: The REF segment can be used to reference a specific store in the previous ADX segment.
Example: REF*ST*1234567

Element	Value	Length	Comment
REF01	*ST*	*2*	*'ST' store number*
REF02	*Reference Identification*	*1/30*	*store number*
REF03	not used		
C04001	not used		
C04002	not used		
C04003	not used		
C04004	not used		
C04005	not used		
C04006	not used		

DTM Segment (Adjustment Date)

Purpose: The DTM segment will identify the adjustment date of the adjustment referenced in the previous ADX segment.
Example: DTM*306*20030926

Element	Value	Length	Comment
DTM01	*306*	*3/3*	*'306' adjustment effective date*
DTM02	*date*	*8*	*ccyymmdd*
DTM03	*not used*		
DTM04	*not used*		
DTM05	*not used*		
DTM06	*not used*		

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(OPTIONAL - REQUIRED)

RMR Segment

Purpose: To specify Remittance Advice accounts receivable open item reference. This is used to specify a payment or adjustment made to a specific payee document (e.g. an invoice).
Example: RMR*IV*7654321*AJ*100.00*90.00*10.00

Element	Value	Length	Comment
RMR01	**Reference ID qualifier**	**2**	**'IV' seller's invoice number** **'CL' seller's credit memo**
RMR02	**Reference Identification**	**1/30**	**Invoice number** **Credit memo number**
RMR03	**Payment Action Code**	**2**	**'PI' pay item** **'PP' Partial payment**
RMR04	**Gross Amount**	**1/18**	
RMR05	**Net Amount**	**1/18**	
RMR06	**Total Adjustments**	**1/18**	**(RMR04 + RMR06 = RMR05)**
RMR07	*not used*		
RMR08	*not used*		

Implementation guidelines: to include clarification on how codes in RMR03 are to be used, specifically that AJ be used only in reference to an invoice which has already been paid. Otherwise either PI or PP are used.

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(OPTIONAL)

DTM Segment (Payee Document Date)

Purpose: The DTM segment will identify the document date of the document referenced in the previous RMR segment.
Example: DTM*003*20030926

Element	Value	Length	Comment
DTM01	*003*	*3/3*	*'999' document (credit memo) date*
DTM02	*Date*	*8*	*ccyymmdd*
DTM04 not used			
DMT05 not used			
DTM06 not used			

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(OPTIONAL - REQUIRED)

ADX Segment

Purpose: The ADX segment will specify adjustments.
Example: ADX*10.00*C1*CD*456321

Element	Value	Length	Comment
ADX01	*Adjustment Amount*	*1/18*	
ADX02	*Adjustment Reason Code*	*2*	*'01' Pricing Error* *'06' Quantity Contested* *'07' Incorrect Product* *'11' Return – Damaged* *'12' Return – Quality* *'74' Cancel or Adjust Prior* *Credit/Debit Adjustment* *'79' cooperative Advertising* *'83' Delivery Charge* *'90' Early Payment* *'A5' Overage* *'B2' Rebate* *'BF' Return Allowance* *'C1' Settlement of Account* *'CS' Adjustment* *'L2' Discount* *'L3' Penalty* *'L8' Miscellaneous Credits*
ADX03	*Reference ID Qualifier*	*2/3*	*'1X' Credit or Debit Adjustment* *Number* *'9F' Referral Number* *'BB' Authorization Number* *'CD' Credit Note Number* *'DB' Buyer's Debit Memo* *'RZ' Returned Goods* *Authorization Number*
ADX04	*Reference Identification*	*1/30*	*ID number*

Implementation guidelines: this refers to a document reference provided by the seller (invoice, etc.) Adjustments without reference are handled in the ADX segment outside of the RMR. .

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(OPTIONAL)

NTE Segment

Purpose: The NTE segment can be used to give a more detailed explanation to the adjustment in the previous ADX segment.
Example: NTE*ADD*INVOICE MATCHING CORRECTION

Element	Value	Length	Comment
NTE01	*ADD*	*3*	*'ADD' additional information*
NTE02	*Additional Informa*	*1/80*	

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(OPTIONAL)

REF Segment

Purpose: The REF segment can be used to reference a specific store in the previous ADX segment.
Example: REF*ST*1234567

Element	Value	Length	Comment
REF01	*ST*	*2*	*'ST' store number*
REF02	*Reference Identification*	*1/30*	*Store number*
REF03	not used		
C04001	not used		
C04002	not used		
C04003	not used		
C04004	not used		
C04005	not used		
C04006	not used		

DTM Segment (Adjustment Date)

Purpose: The DTM segment will identify the adjustment date of the adjustment referenced in the previous ADX segment.

Example: DTM*306*20030926

Element	Value	Length	Comment
DTM01	*306*	*3/3*	*'306' adjustment effective date*
DTM02	*Date*	*8*	*ccyymmdd*
DTM03	*not used*		
DTM04	*not used*		
DTM05	*not used*		
DTM06	*not used*		

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(MANDATORY)

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 Payment Remittance Advice

```
ISA*00*      *00*      *ZZ*1436008      *ZZ*ISA ID
*000831*1055*U*00200*000000001*0*P*'
GS*RA*1436008*GS ID*20000831*1055*1001*X*004010
ST*820*0001
BPR*I*240.15*C*CHK*PBC
TRN*1*1234567
DTM*097*20030926*0745
DTM*020*20030926*0745
N1*PE**15*1234567
REF*12*12345678
N1*PR**15*1436008
ENT*1
ADX*50.00*C1*CD*456321
NTE*ADD*INVOICE MATCHING CORRECTION
REF*ST*1234567
DTM*306*20030926
ENT*2
RMR*IV*7654321*AJ*100.00*90.00*10.00
DTM*003*20030926
ADX*10.00*74*DB*456322
NTE*ADD*ONGOING DEBIT MEMO
REF*ST*1234567
DTM*306*20030926
ENT*3
RMR*CL*13579*AJ*100.00*100.00*0.00
DTM*999*20030926

SE*23*0001
GE*1*1001
IEA*1*000000001
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