ISBN-13 Implications for Innovative Libraries

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Book Vendor Overview

• What Is ISBN Expansion?
• Why Is It Happening?
• How Does It Work?
• Important Dates
• Who Is Affected?
• EDI
• Publicity & Resources
• What’s Happening at YBP?

What Is ISBN Expansion?

• ISBN changes from 10 digits to 13
• ISBN-13 = EAN
• Also 12-digit UPC (used in retail) is changing to 13

Why Is It Happening?

• Doubles the pool of available ISBNs
  – Electronic publishing & alternate formats increase need for more numbers
• Brings ISBNs and UPCs into conformity with international product numbering standards

Entire Worldwide Book Industry Will Use One Number

How Does It Work?

Current ISBN

New ISBN Structure

1. Increase to 13 Digits – Add “978” and “979” Prefixes
2. Recalculate Check Digit Over First 12 Digits (no more Xs)
Important Dates

- **October 1, 2004**
  - LC started recording ISBN-13s in CIP and cataloging records
  - OCLC started accepting input of 13-digit ISBNs, **BUT** is parking them temporarily in a non-ISBN field (024)

- **January 1, 2007**
  - Only ISBN-13 issued
  - Stop using 10-digit ISBN for transactions
  - 979-prefix ISBNs assigned as needed

Who Is Affected?

- Publishers
- Book Vendors
- Retailers
- Libraries
- ILS Vendors
- Bibliographic Utilities (e.g. OCLC, RLIN)
- Any Other Organizations That Record/Exchange ISBN in Automated Systems

EDI Ordering: Current Formats

- BISAC*
- X12
- EDIFACT*
- TRADACOMS
- NON-STANDARD*
  
* Used by Innovative Libraries


- January 2005: Eric Thordson’s background article in Against the Grain
- January 2005: PVLR sponsored open forum at ALA Midwinter
- April 2005: Special issue of Against the Grain
  
Bowker  OCLC
LC  BISG
Wiley  University of Chicago
Ingram  NISO
Talis

- March 1, 2006: Ann-Marie Breaux & Laura Dawson’s article in Library Journal
Useful Websites:  http://www.bisg.org/

What’s Happening at YBP & B&T?
- Research & Inventory all Tools, Applications, Databases, Reports Using ISBNs
- Design, Development, Programming, Testing, Implementation
  - Data Clean Up & Conversion
  - Mainframe Database Changes
  - File Transmissions & Receipt – eOrders, eInvoices, B&T, OCLC, Publishers, Customers
  - Applications and Reports
- Two Phases: Inward and Outward-Looking
- Completing Work by mid-2006

Customer Impact
- Electronic Orders
- Electronic Invoices (if ISBN used in matching – not an issue for Innovative customers)
- GOBI/TS3 Searching
- MARC Files
- Paper Products (slips, status reports, invoices)

Library Systems -- Overview
- How Innovative uses ISBNs
- What will the changes mean?
- Do I have any ISBN-13 now?
- What might not work after the “change”?
- Web Resources
- What is Innovative doing?
- What should I be doing?
How Innovative uses ISBNs

- Searching in the WebOPAC
- Duplicate checking when keying records
- Duplicate checking from Headings Reports
- Ordering – especially electronic ordering
- Inn-Reach Overlay matching
- Inter-Library Loan
- Federated searching
- WebBridge (and other products that link to additional content)
- Validate ISBN numbers
- Z39.50 Cataloging and Searching

What will the changes mean?

- **BISAC electronic ordering WILL NOT WORK! (Based on 10 digit blocks)**
- Libraries using electronic ordering need to change to EDIFACT well before January 2007.
- Many libraries are changing now.

What will the changes mean?

- EDIFACT vs. BISAC
  - FTP vs. email
  - Modest changes in vendor record
  - Basic functionality remains the same (send POs from the send screen).
  - Potential for more than just one direction of information.
  - Better support for longer field sizes and the use of blanket PO#s

Do I have any ISBN-13 now? (rls 2005)

- Toledo had 297 records with ISBN-13 (09/05)
- Toledo → Current Load Table Rules (Bibliographic Records):
  - Field Group MARC Index
  - ISBN/ISSN(i) 020 (subfields to load - az ONLY)
  - ISBN/ISSN(i) 022 (subfields to load - ALL)
  - ISBN/ISSN(i) 024 (subfields to load - ALL)
- Michigan → Current Load Table Rules (Bibliographic Records):
  - Field Group MARC Index
  - ISBN/ISSN(i) 020-024 (subfields to load - ALL)

Do I have any ISBN-13 now? (rls 2005)

- 020 – isbn-10
- 024 3 – isbn-13

Both are loading, but only one is indexing.

Do I have any ISBN-13 now? (rls 2005)

- 024 3 – isbn-13

Why aren’t ISBN-13s searchable?
Do I have any ISBN-13 now? (rls 2005)

- Current Index Rules:
  - Field Group MARC Index
  - ISBN/ISSN(i) 020(a) ISBN/ISSN(i)
  - ISBN/ISSN(i) 020(z) ISBN/ISSN(i)
  - ISBN/ISSN(i) 024(a) OTHER NUMBER(u)

  NOTE: 024s in OCLC Connexion are indexed in the Standard Number Field

- Move 0243 ISBNs to 020 (as per CSDirect). This can be done with Global Update.
- (Eventually, you will move to your load/index tables)!*** -- Do not need for RLS 2006
- Use this time to check your 020s in the system

What should I be doing?

- Check Load Tables to make sure you are loading the 024.
- Find and convert 024 fields to 020 as per CSDirect to ensure that they can be found by the patrons.
- Change BISAC to EDIFACT Electronic Ordering*
- Talk to Your Vendors
  - Book Vendors
  - Content Providers
  - Innovative
- Move to Release 2006!


Global Books in Print

Vendor Readiness

- YBP & B&T (ready – see previous slides)
- Blackwells
- Brodart (ready*)
- Coutts (ready – see help on OASIS screens)
- Emery Pratt (ready*)
- Harrassowitz (ready* - EDIFACT ordering)
  - http://www.harrassowitz.de/top_news/0506pr03.html
- Ingram
- Midwest Library Service (ready*)
  * -- Contact company for details


Other Vendor Readiness

Title: Autistic Spectrum Disorders (2002)
ISBN: 0-596-50013-0
EAN: 9780596500139

- Amazon -- ONLY found with ISBN-10
- Both still show only ISBN-10 on the site.


ISBN-13 Resources

- CSDirect FAQ:
- ISBN Converter:
  - http://www.isbn.org/converterpub.asp
- ISBN-13 Conversion Toolkit
  - http://www.isbn.org/toolkit.html
- OCLC Interim Support for ISBN 13


Innovative’s ISBN13 Changes – Summary

- Electronic Ordering enhanced to provide 10 and 13 digit ISBNS
- Electronic orders (EDIFACT) will automatically calculate ISBN13 and ISBN10
- Printed Purchase Orders to include 13 digit ISBNS
- New Index Rule to calculate appropriate ISBNS
- If record has ISBN10, then Millennium calculates and indexes ISBN13
- If record has ISBN13, then Millennium calculates and indexes ISBN10


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Senior Product Manager

Innovative’s


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Support for ISBN13 – Electronic Ordering

- Electronic Ordering enhanced to provide 10 and 13 digit ISBNs
  - Electronic orders (EDIFACT) will automatically calculate ISBN13 and ISBN10

- Millennium’s rules:
  - If ISBN10 is first in bib record, then ISBN10 and ISBN13 are sent
  - If ISBN13 (978) is first in bib record, then ISBN13 and ISBN10 are sent
  - If ISBN13 (979) is first in bib record, then only ISBN13 (979) is sent

Support for ISBN13

- Electronic Ordering via email (BISAC) does not support ISBN13
- BISAC only allows for 10 characters in the ISBN position
  - Additional characters would overwrite data in the next positions
- EDIFACT is a tagged format—allows for expansion of data elements

What do you need to do?
A checklist

- Upgrade to EDIFACT Electronic Ordering
  - You can do this on any release
- Upgrade to Release 2006
  - Release 2006 Integrated Beta available now!
  - Release 2006 General Release available mid-June
- After upgrade to Release 2006, use Global Update to move 024 ISBN13’s to 020

Questions?
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