

OLAC NEWSLETTER

vol. 25, no. 2

June 2005

TABLE OF CONTENTS

FROM THE EDITOR

FROM THE PRESIDENT

TREASURER'S REPORT

OLAC 2004 CONFERENCE REPORTS (2nd installment)

SHOWCASE SESSIONS

PANEL DISCUSSION

POSTER SESSIONS

OLAC ROUND TABLES

BIRDS OF A FEATHER SESSIONS

SCHOLARSHIP RECIPIENT REPORT

NEWS & ANNOUNCEMENTS

CONNEXION CLIENT 1.40 RELEASE DELAYED UNTIL JULY

ALCTS ANNOUNCES MARGARET MANN CITATION RECIPIENT

PUBLICATION OF THE FINAL REPORT OF THE AMEGA PROJECT

AN UPCOMING PUBLICATION ON CATALOGING DIGITAL RESOURCES

A PUBLICATION ABOUT DIGITAL AUDIO OBJECTS

BOOK REVIEWS

AUTHORITY CONTROL IN ORGANIZING AND ACCESSING INFORMATION

CARTOGRAPHIC MATERIALS

OLAC CATALOGER'S JUDGMENT

FROM THE EDITOR

Jain Fletcher

The longest article in this issue is the second (and final) installment of the reports from the October 2004 OLAC Conference in Montreal. It was Conference Editor Jan Mayo's phenomenal success in putting together reporters for the Conference--not to mention the reporters' engaging commentary--that resulted in such a comprehensive set of reports. As readers may remember (from my explanation in the December issue), that situation caused an unusual, though pleasant, dilemma: how to include the reports along with all the other interesting content intended for that issue. The solution was to break the OLAC Conference Reports out into two "installments"--one that appeared in the December issue and the remainder slated for this issue. The best part of this solution was that the entire set of reports could be (and was) available in electronic form on the OLAC Website. As for the print version: the first installment included reports on the two-day pre-conference workshop, the two plenary sessions and the full array of workshop offerings. The installment for this issue contains reports on two showcase sessions, a panel discussion, poster sessions, round tables, and "birds of a feather" sessions. There is also a perspective on the Conference from the OLAC Scholarship recipient, Jaime Anderson.

After this explanation, I fear that I might have given readers the impression that this issue is dominated by Conference reports. However, it is not. There is also a full range of regular contributions, including an address from the President, the "News & Announcements" column and the Treasurer's report. Also, among the longer of the columns are two substantial contributions from two of our regular columnists. Two excellent resources are reviewed in the "Book Reviews" column, one on maps and the other on the values and issues related to the authority process. The other long contribution is the catalogers' advice column ("OLAC Cataloger's Judgment"), which is, as usual, packed with interesting problems and excellent solutions.

FROM THE PRESIDENT
Robert Freeborn

Hello again. This is my final presidential address (now, now, stop cheering). It has been a great honor to have served as your President over the past year. I look forward to serving OLAC in other ways in the future. I would like to take this opportunity to

wish our new President, Rebecca Lubas, every success. I am sure that our organization will continue to grow and prosper under her leadership. However, as always, she and the Executive Board cannot do it without your help. I sincerely hope that you will give even more of your time and talents in the years to come.

There is an old adage/curse that goes: "May you live in interesting times". I believe this is going to prove especially true for catalogers in the next few years. As many of you know, the Joint Steering Committee for Revision of AACR has begun work a new edition of the cataloging rules. During these formative months of the new edition's creation, and beyond that, when it goes through rule interpretations and further decisions, the AV cataloging community will need to ensure that its cataloging needs are addressed. The AV community will need educated and outspoken representatives who can articulate these needs to the greater cataloging public. This is precisely the kind of function for which OLAC was created. It is at such important times as this that OLAC membership needs to rise to the responsibility to give this important turning point its earnest attention. So now it is even more imperative that everyone become involved in OLAC to help keep it moving onward and upward. To quote another adage: "If you do not do it, then who will?"

Having put forth this challenge, I bring this column to a close. Once again, I thank you for having given me this great opportunity to serve OLAC. I look forward to working with more of you on a variety of OLAC tasks in the years to come.

TREASURER'S REPORT
Third Quarter & Year-to-Date
January 1 through March 31, 2005
Bobby Bothmann, Treasurer

	2nd Quarter	Year-To-Date
OPENING BALANCE	\$3,164.57	
INCOME		
Memberships	\$5,939.00	\$10,117.00
Back Issues		\$7.00

Royalties	10.20	\$10.20
TOTAL	\$5,949.20	\$10,134.20
EXPENSES		
ALA	655.00	\$1,055.00
Membership Overpayment	5.00	\$5.00
OLAC Board Dinner	256.60	\$256.60
Stipends	\$400.00	\$1,250.00
Postage & Printing	1,859.36	\$5,206.33
<i>Printing</i>	<i>\$1,598.31</i>	<i>\$4,567.51</i>
<i>Postage</i>	<i>\$261.05</i>	<i>\$638.82</i>
Web Domain		\$15.00
Miscellaneous	123.25	\$1,125.48
TOTAL	\$3,299.21	\$8,913.41
CLOSING BALANCE		\$5,814.56

**MEMBERSHIP as of May 4,
2005**

Personal:	385
Institutional:	216
Total:	601

CONFERENCE REPORTS
Jan Mayo, East Carolina University
Column Editor

**** REPORTS FROM THE ****
2004 OLAC Conference
Montréal, Québec, Canada

SHOWCASE SESSIONS

BIBLIOTHÈQUE NATIONALE DU QUÉBEC

Presented by

Claude Fournier

Directeur général de la conservation

Mireille Laforce

Coordinator, Legal Deposit Section

Liliane Bédard

Chef, Direction du traitement documentaire de la collection patrimoniale

This session presented information about the Bibliothèque nationale du Québec (BNQ), which was created on August 12, 1967 by the Québec government to assemble and conserve Québec's documentary heritage. The BNQ is the national library of the province of Québec and is situated in the city of Montréal. It was originally conceived to be a reference library for materials from the province. It shares characteristics of a national or state library, as well as striving to be an archive of publishing, culture, heritage and history whose mission is to collect information in various formats.

In 1998, after thirty years of existence, the idea of a new "Grande Bibliothèque du Québec" was born. Its mission was to provide all people of Québec with full and free access to the Library's vast collections, and along with it, moving from being just a reference library to becoming a public lending library. The Québec Government set in motion a plan for a new library that will combine the collections of the BNQ's own holdings with collections from the Bibliothèque centrale de Montréal, the Archives nationales du Québec, collections of the Service québécois du livre adapté, new acquisitions, and more.

The BNQ uses legal deposit to collect material in order to fulfill its mission. It requires all Québec publishers to deposit two copies of each edition of any document they publish without charge within seven days of publication. In 1968 legal deposit applied to books, brochures, periodicals and musical scores; in 1980 geographical maps and plans were added. It was expanded again in 1992 to include posters, postcards, prints, artwork reproductions, sound recordings, and microform publications and electronic documents. In 2001 the deposit of online publications was added, followed in 2003 with the addition of performing arts programs.

The highlights of the collection include: 2,600 artist books, 2,000,000 periodicals and newspapers, 100,000 musical scores, 50,000 plans, maps and atlases, 25,000 original prints, 15,000 posters, 469 private archive holdings, 70,000 microform publications,

34,000 photographs, 58,000 postcards, 20,000 sound recordings, 2,300 electronic documents, 1,000,000 circulating books, 1,200,000 circulating documents and 1,500,000 circulating microfiches.

The process begins when the showcase included information about the process involved for the legal deposit of online publications, which is currently done for the government documents available on public portions of the Internet. It is a selective approach and targets publications that can stand alone, independently of their site of origin.

First the depositor fills out an online legal-deposit form based on the format: monographs, periodicals and announcements of issues of periodicals. A professional staff member at the BNQ validates the data and goes to the depositor's site to capture the files. Finally, an entry is created in the digital library and in the catalogue, using Metsys, a data-transfer software system.

In the online catalog (IRIS), the bibliographic records for the online publications are cataloged using ISBD, MARC 21, AACR2, RVM, BNQ's authority file and the Classification System for Québec Government Publications (CCBGQ.) These cataloged publications are preserved electronically in a PDF on the BNQ's server and will create a history of these documents published on the Internet. In the future, there is a plan to add non-government online publications to the system.

The BNQ's Website address is: <http://www.bnquebec.ca/>. IRIS can be found at: <http://www.biblinat.gouv.qc.ca:6611/>. The new Grande Bibliothèque will open its doors to the public in Spring 2005 in Montréal. The presenters encouraged everyone to return for a visit to the new library next year.

*reported by Joseph Hafner
McGill University Libraries*



Claude's PowerPoint Presentation | Mireille's PowerPoint Presentation | Liliane's PowerPoint Presentation

LIBRARY AND ARCHIVES CANADA

Presented by Anne Draper
Library and Archives Canada

Anne Draper presented an overview of Library and Archives Canada (LAC), the new institution that has combined the collections, services, and staff of the National

Library of Canada and National Archives of Canada into a single "innovative knowledge institution" for the 21st century. The holdings of LAC are staggering: 20 million published items, 24.5 million photographs, 400,000 documentary art objects, 340,000 hours of film, video, and audio, approximately 3 million megabytes of information in electronic formats, and more. The LAC Website offers a wealth of information at www.collectionscanada.ca.

Anne described the origins of the 2004 act of Parliament that created LAC, and the goal of improving the preservation of and access to the documentary heritage of Canada. A major factor was the overlap and similarity in the missions of the National Library of Canada and National Archives of Canada and the resulting redundancies and inefficiencies for patrons. Canadians reported that they did not care whether items were standard library materials or unpublished archival resources – they just wanted easy access to the documentary evidence of their heritage. LAC grew out of this need, and now offers synergy in its collections and skills for "one-stop shopping", utilizing the digital environment to enhance access even further.

Anne also outlined the decision making process that involved focus groups, retreats, meetings, and forums for staff members to analyze and create the new LAC structure. She discussed the ongoing staffing and workflow issues, and the challenges of merging cultures. The library and archives teams relished the opportunity to become part of a dynamic and well-funded new national institution, but paid the price by losing their established institutional identities in the process. Anne cited a major shift in moving from a profession-based environment to a mandate-based profession, and acknowledged it as an ongoing learning opportunity for all.

The separate library and archives catalogs have been merged into the integrated system called AMICAN. The LAC catalogers are based in the Documentary Heritage Collection sector, where cataloging is called "resource description." Anne explained that this title emphasizes the access-driven nature of the unit, and sees it is a marked departure from "traditional cataloging." Although core cataloging standards are in place as they were at the National Library of Canada, the sector's "catalytic initiatives" will incorporate the upcoming release of AACR3 and the metadata-based concepts of FRBR. Anne wrapped up her presentation by noting that the LAC programs are very new, and it remains to be seen how this shift in cataloging will progress.

reported by Susannah Benedetti
University of North Carolina at Wilmington



PowerPoint Presentation

PANEL DISCUSSION

PREPARING 21st CENTURY CATALOGING AND METADATA PROFESSIONALS

Presented by

Lynne Howarth, University of Toronto
Allyson Carlyle, University of Washington

This panel discussion featured two Library and Information Science faculty members presenting their ideas on cataloging curricula in library schools today and suggesting new approaches for the future to ensure that new catalogers have the skills they need to tackle upcoming challenges.

Dr. Howarth of the University of Toronto started with an overview of cataloging education practice in Canada. Both graduate programs leading to the Masters degree (all ALA-accredited) and paraprofessional programs leading to a Diploma in Library and Information Science Techniques are offered. Continuing Education and professional development opportunities in cataloging/classification are many and varied. They are offered by various University faculty and departmental courses, professional and paraprofessional associations, the Canadian Library Association's Technical Services Interest Group, provincial library associations, the Association of Canadian Archivists and provincial archival associations.

Dr. Howarth listed some pros and cons of professional cataloging education curricula. The pros are:

- a. Is an introduction to cataloging courses required for degree and diploma programs?
- b. Are they are taught by full-time faculty? (This demonstrates a commitment to the status of cataloging education)
- c. Is the faculty actively engaged in research?
- d. Does the faculty hold memberships in professional associations?
- e. Does the faculty participate in standards development? (e.g., descriptive cataloging standards, classification)
- f. Are degree and continuing education programs offered in Web resources cataloging and metadata? (stand-alone and in conjunction with professional associations and conferences)

The cons are:

- a. Cataloging courses with practicum component

- b. Tension between theory and practice (everyone having slightly different expectations: the student, the professor, and the profession)
- c. The "plug-and-play" controversy: the expectation of immediate expertise when the student assumes his/her first post-MLS job. This could be result of too much instruction at the theoretical level than the practical level during graduate studies.

Dr. Howarth then noted a trend in library and information science education toward a new Communications/Information Science hybrid and new "larger umbrella" faculties where library and information science is only a piece of the curriculum. Practitioners and academics need to work together to preserve and promote the *value* of cataloging and catalogers, even in these new umbrella curricula. The 4R's should be promoted: Reflect, Rethink, Regroup and Risk. It is important to reflect on what skill set results in a good cataloger, figure out who the allies are, take cataloging out into the broader community. The benefits of cataloging must be publicized. She concluded her talk by reminding the audience that "Opportunity is knocking; we hold the key!!"

Dr. Carlyle of the University of Washington notified the audience of the availability of the document entitled: "Cataloging and Metadata Education : A Proposal for Preparing Cataloging Professionals", by Ingrid Hsieh-Yee. The document is available at: <<http://www.loc.gov/catdir/bibcontrol/CatalogingandMetadataEducation.pdf>>. It was produced in response to item 5.1 of the "Bibliographic Control of Web Resources: A Library of Congress Action Plan", which is available at: <<http://www.loc.gov/catdir/bibcontrol/actionplan.pdf>>.

Dr. Carlyle noted that the goals outlined in the plan have already been accomplished or are in progress:

**Item 1:* Provide levels of student expertise and competencies in cataloging and metadata:

1. identify and prepare students with core competencies for library technical services
2. devise and conduct training to produce flexible and resourceful cataloging professionals
3. promote the use and understanding of new and emerging metadata schema like Dublin Core.

**Item 2:* Create a "metadata basics" information package for educators. (in progress?)

**Item 3:* Create a listserv for people interested in cataloging and metadata education to communicate (finished: the listserv is housed at <educat@loc.gov>)

**Item 4:* Create a "Web Clearinghouse" --resources related to teaching cataloging and metadata. (Anita Coleman of the University of Arizona is compiling this.)

**Item 5:* Prepare a one-day conference on "Teaching Strategies for Metadata Education". This was held January 9, 2003 at ALA Midwinter. Approximately 100 LIS faculty and other continuing education professionals attended.

Dr. Carlyle concluded by stating that the majority of the goals set forth in this document have already been realized. When all is complete, it will benefit the quality of education for cataloging and metadata professionals.

reported by Craig Dowski
State University of New York at Buffalo



Lynne's PowerPoint Presentation | Allyson's PowerPoint Presentation

POSTER SESSIONS

Attendees to the 2004 OLAC Conference were treated to a large and varied selection of poster sessions. If the crowds in the room were any indication, the nine presentations were well-received and much appreciated. Briefly, the sessions were as follows:

"*NOAA Video Data Management System -- Library Pilot Project*" was presented by Anna Fiolek, NOAA. The aim of this project is to provide the general public with Internet access to the wealth of information contained in the National Oceanic and Atmospheric Administration (NOAA) digital video collection. This presentation included many colorful handouts and a live demonstration designed to promote interest in this fascinating collection, which can be searched here:

<<http://www.lib.noaa.gov/uhtbin/webcat>>. Their poster can be viewed at <http://docs.lib.noaa.gov/OEDV/VDMS_Poster.pdf>.

Emilie Lowenberg and Ellen Katic, Union Catalogue Division, Library and Archives Canada, gave a poster session entitled, "*Digital Talking Books and Tactile Illustrations – How on Earth Would You Catalog Them?*" Consistency in cataloging materials for this patron group is even more critical than for other patron groups, since patrons with disabilities have additional barriers to overcome in accessing materials. The presenters shared cataloging guidelines that would help ensure this consistency. To explore the AMICUS collection for materials in alternate formats for the disabled, visit: <<http://amicus.collectionscanada.ca/aaweb/amilogine.htm>>. This link will give

you the option to use the English or French version of the site.



1. Union Catalogue in AMICUS : Alternative formats for persons with visual or hearing disabilities (bilingual) (.doc)
2. Handout: Cataloguing for Access: Materials for Disabled Persons (.doc)
3. Draft Guidelines for Cataloguing Tactile Materials (.doc)
4. Union Catalogue Information, Statistics & Contacts (bilingual) (.doc)

With "*The SSS: a Simple, Secure Solution for Handling Compact Discs While Retaining the Ability to Browse Jewel Cases by Library of Congress Classification Numbers*" presenter Linda Swanson detailed a practical solution to the problem of keeping jewel cases on the shelves in an order that makes sense to the patrons, while keeping the CDs behind the Circulation Desk in an order that ensures they will always be shelved in the right place. Two different classification schemes are employed: Library of Congress classification for the jewel cases and accession numbering for the actual CDs.



Handout (.pdf) or (.doc)

Two catalogers, Susannah Benedetti and Anping Wu, University of North Carolina at Wilmington, presented their experiences with "*Integrating Digital Libraries and Traditional Libraries*". This poster session explored the foundation and history of the iLumina Digital Library, which can be found here: <<http://dl.uncw.edu/>>, as well as the challenges involved in crosswalking different metadata and/or cataloging schemes.



Poster Session (.ppt) | Handout (.ppt)

"*Beyond Books: Blogs at the University of Minnesota*", presented by Staci Traill and Mary Huismann, demonstrated how their Technical Services Department uses blogs to share information among staff distributed across a large university library system. "Beyond Books" is the blog established specifically to deal with issues involving special formats. To learn more about the library's blog program, visit: <<http://blog.lib.umn.edu/>>.



PowerPoint Presentation

Librarians at Illinois State University have been working to mount an open URL

compliant database of all the ISU faculty research conducted since the institution was founded, as well as biographical information about the faculty researchers. Kate James and Sandy Roe gave an overview of this ambitious undertaking in their presentation. "*Integrating 150 Years of Research @ ISU with OpenURLs*". This unique resource can be found at: <<http://www.mlb.ilstu.edu/test/facpub/home.htm>>.



Handout (.pdf)

"*Building a Virtual Library Collection through Freely-Accessible Web Sites : Select Web Sites Database at the University of Vermont*", was presented by Wichada SuKantararat and Kor Kiley, who explained how the Select Web Sites database was created. Also encompassed were the workflow procedures, resolution of issues and problems, and how this database is being used to support the teaching and learning mission of the university. To visit the Select Web Sites database, go to: <<http://libwebdb.uvm.edu/>>



PowerPoint Presentation

Kelley McGrath, Ball State University, gave a poster session called, "*Media Finders : Expert Search Intermediaries for the Online Catalog*". She defined a media finder as "a Web form that serves as a dynamic pathfinder for searching some subset of materials in the OPAC". Media finders can be used by different classes of users to locate difficult-to-find items by utilizing user-friendly interfaces to construct and run complex searches behind the scenes. Examples of media finders are available at: <<http://www.bsu.edu/library/librarycatalogs/mediafinders/>>.



Handout (.pdf) or (.doc)

"*Meeting the New Challenges of Cataloging Electronic Documents for Michigan State University's Grey Literature Project*", presented by Allen Thunell and Lisa Robinson, addressed the cataloging challenges inherent in the cataloging of online PDF documents that have not been commercially published. The presenters also shared a new workflow developed for this project.

Seeing what our colleagues at other institutions are working on in the service of librarianship is always illuminating and thought-provoking. This conference's poster sessions were no exception.

reported by Jan Mayo
East Carolina University

OLAC ROUND TABLES

ISSUES IN PROVIDING A FRENCH-LANGUAGE CATALOG IN A NORTH AMERICAN CONTEXT

Moderated by Clément Arsenault
Université de Montréal

Twelve participants were present for this roundtable discussion: all stayed for both the first and second part. This report covers the entire hour and a half time span. Introductions led off the discussion and contributed to the congenial mood.

The first problem with cataloging in French is that 80% of the time, it involves the modification of an English record. Subscription services such as Bookware.com can help with this conversion. When adapting English-language records into French, it is very difficult to transcribe the 5XX notes; this is especially true for video formats, such as DVDs, where the level of specificity is different in the two languages. The translation of English records led to questions about how comfortable a French-speaking cataloger has to be with English. "Very" seemed to be the general consensus around the table. Other translation issues can arise based on the differences between the two languages. For example, with music terms, the English genre term "fantasia" is not translated into French in the French-language cataloging record, but "sonata" is. Name authorities and consistent authority records were also a major point of concern, since Library of Congress and the Bibliothèque Nationale du Canada/du Québec sometimes contradict each other. For example, Russia's current president is called Poutine in French and Putin in English. Certain libraries in Canada have succeeded in creating a bilingual catalog in order to serve both populations, and it was reported that other libraries are interested in doing so as well.

Participants noted problems with French-language resources and rules from France that do not necessarily apply in the North American context either. They also warned that translations of some North American documents are very flawed and that some, like the Serials Cataloging Cooperative Training Program, are not translated at all. Although the Canadian Library Association of Quebec (l'Association pour l'avancement des sciences et des techniques de la documentation [ASTED]) exists to

support North America's French-language catalogers, there is no equivalent to the JSC. Concerns go directly to ASTED, and it is not certain that there will be open discussion of the problem before a decision is reached. The French-language subject headings are available online, but prescribed rules for the creation of new headings are lacking. Instead, catalogers create new subject headings based on examples in the catalog and what they term "tradition".

The conversation was lively and informed; the participants were enthusiastic and warm. This roundtable was a pleasure to attend both for the quality of the discussion and the good nature of the participants.

reported by Heather Lea Moulaison
Southwest Missouri State University

**ISSUES IN HANDLING NON-PRINT MATERIALS
(PROCESSING/SHELVING/HOUSING, ETC.)**

Moderated by Lynn Fields
Lewis & Clark Library System

Participants in this round table represented a variety of library settings. The primary discussion points focused on processing, storage (space needs) and security of non-print media. Durability of packaging, placement of security strips and ownership labels, and availability of personnel to handle physical processing of media materials were addressed. Possible storage options were suggested to participants who shared concerns relating to effective arrangement and retrieval of non-print collections. Circulation policies and library handling of media having print or other accompanying material were discussed as well. Overall, the issues covered through this round table indicated strong interest in non-print materials as an integral component of libraries' collections.

reported by David DeHart
Appalachian State University

**ISSUES IN PROVIDING ACCESS TO MATERIALS FOR THE PRINT-
IMPAIRED
(BRAILLE, TALKING BOOKS, CAPTIONING, ETC.)**

Moderated by Emilie Lowenberg
Library and Archives Canada

Of the small group at this table, most were new to this subject, but what may have lacking in experience was made up for in enthusiasm. Emilie and her colleague, Ellen Katic, responded to a variety of questions, including:

- What is the difference between closed captioning and open captioning? (A. The former requires a decoder built into the equipment, the later does not.)
- What are the access points to use when searching for braille materials? (A. The GMD "braille" and the coding in the 008 field.)
- Are tactile maps cataloged as maps or braille? (A. As maps with tactile 007 and tactile qualification on GMD.)

Various topics were raised during this session. For one, there was discussion on improvements in quantity and speed of access to recorded materials because of MP3s. Another issue that arose was the current debate within the visually impaired community as to whether the quality of literacy suffers when blind children rely only on recorded materials and do not learn braille. Useful technology was discussed, which brought out the information that a method exists to convert electronic texts into braille using computer interfaces commonly called "refreshable braille displays" and to output e-text as computer voice audio, using, for example, JAWS.

One participant emphasized the importance of accessible design in Web pages; more information is available at: <<http://www.w3.org/WAI/>>. Emilie and Ellen described their work at the LAC, coordinating resource sharing efforts among Canadian institutions that catalog alternative format materials. Finally, the table debated the broader topic of whether or not catalogers are putting sufficient information into bibliographic records.

reported by Rebecca Henning
Amherst College

ISSUES AND APPLICATIONS OF EMERGING METADATA FORMATS IN LIBRARIES

Moderated by

Guy Teasdale, Bibliothèque de l'Université Laval

Lynne Howarth, University of Toronto

This roundtable group was heavily attended. Most attendees were from libraries in the exploration stage of digital archives and institutional repositories, with a few present that already have digital archives and institutional repositories. There was discussion

on how the institutions with digital archives and institutional repositories achieved that goal and what they learned getting to it. There was discussion of what software base people were using, such as D-Space, ContentDM and locally-created databases. Also of great interest were the critical components of planning: cooperation between programmers and metadata creators (catalogers), OAI compliance and contribution, and awareness of just how much and how quickly an institution can use up server space.

This was a rich discussion. It is likely that many of the attendees whose institutions are now in the exploration or development stage, will be reporting at OLAC 2006 on their completed digital archives and institutional repositories.

reported by Ruth Roazen
Northern Arizona University

ISSUES IN CONSERVATION OF NON-PRINT MATERIALS

Moderated by Kevin Furniss
Denison University

Kevin started the discussion off by pointing out the distinction between the term "conservation" and "preservation". He noted that "conservation" has to do with the preserving the physical item, itself (i.e., the physical treatment of the object, such as cassette or eight-track). The term "preservation" focuses on the information *contained* within or on the physical item. The group noted that in general it is much easier to *conserve* rather than *preserve*, but that when a particular medium becomes obsolete, the material contained within it is often inaccessible.

Kevin asked members of the roundtable if their institutions had a preservation policy. This led to a discussion about which types of materials were holding up well and which were not. Several people gave descriptions of their libraries' attempts to preserve materials, e.g., by digitizing historic materials or making tape copies for students/patrons to use, while retaining a master copy. It was also noted that many libraries try a "damage control" approach. Lynn Fahey (Trinity College Library) mentioned their attempts to educate patrons about proper care of materials. The cost-effectiveness of repair versus replacement was also discussed, as well as training of staff in preservation techniques.

The issue of longevity of materials was also discussed at length. It was generally agreed that tapes have a known life expectancy, while CD and DVD formats are still

too new to estimate. Mary Konkel (College of DuPage Library) commented that DVDs are not holding up as well as VHS; DVDs tend to get thrown around and are easily scratched, while more care seems to be given to VHS. Others commented that due to the extremely low quality of certain brands, security strips did not read properly on these items. Kevin mentioned that, with text-based material, microfilm and microform are incredibly long lasting.

Funding for preservation was also discussed with particular focus on whether preservation was pro-actively funded or instead funded after a crisis. The group talked about emergency plans, insurance of materials, and offered ideas for raising funding for preservation through Friends of the Library groups and grants to preserve gifts collections.

Finally, Kevin recommended a report from the Council of Library and Information Resources (CLIR) entitled, *The State of Preservation Programs in American College and Research Libraries: Building a Common Understanding and Action Agenda*, by Anne R. Kenney and Deirdre C. Stam. (December 2002). Kevin highlighted some key parts of this survey for the group. For the complete report see:

<<http://www.clir.org/pubs/reports/pub111/contents.html>>. Other relevant reports and valuable information can be found at CLIR's Website: <<http://www.clir.org/>>

reported by Lauren Noel
Columbia College

BIRDS OF A FEATHER SESSIONS

This concept was new to the OLAC conferences.

The report presented here is representative of the types of discussions that took place.

GROUP 5: VISUAL MATERIALS

Moderated by Robert Freeborn

Participants arrived eager to discuss topics of interest with colleagues. Even before the session officially began, attendees were discussing the challenge of handling foreign language visual materials in SIRSI.

After attendees introduced themselves, Robert Freeborn emphasized that this was an informal session that would be directed by the interests of the attendees. As an example, he referred to ways of finding Spanish language films in SIRSI. LCSH cannot give you the language, since LC does not catalog videos. His library is considering adding a local 655. Another possibility might be to include a country code

in your classification number. Another consideration would be to expand subject access with local subject headings, but he advocated caution if adopting this approach.

During the following hour, attendees introduced and discussed a number of topics, including:

- Numbering systems for learning resource center materials.
- Security concerns with optical discs.
- Difficulty in finding films produced in other countries, since the fixed field is being done by the 260, not the 245.
- The observation that catalogers do not always consider adding headings necessary for all users to locate what they need.
- The degree to which libraries enhance cases for visual materials, both to attract users and to provide additional information.
- The possibility of enhancing or qualifying the GMD to identify specific formats. There was a suggestion on the OLAC List to put SMD in the 245. The suggestion was made that catalogers use local fields for this kind of modification.
- A special project at one institution that included digital videos from various places which users accessed from a Website. The institution tried to develop a model to handle similar kinds of materials within their agency.
- Digitizing of earlier formats, including the cost, time required, lifespan of the format, and the equipment required to use them
- DVDs from multiple regions, the issue is region-free players. It is necessary to be sure that the video will display correctly on the appropriate television.
- The need for a form sub-division for digital DVD. It was suggested that this idea be submitted to the SACO Website.

Almost everyone in attendance was either expecting to migrate to a new ILS soon or had recently done so. Change is indeed constant, and a session such as this is an opportunity to discuss these changes in an informal setting.

reported by Linda Swanson
Concordia College

SCHOLARSHIP RECIPIENT REPORT

OLAC BIENNIAL CONFERENCE 2004

Jaime Anderson
County of Henrico Public Library

Thank you for allowing me the privilege of attending OLAC 2004, an opportunity I would not have been able to take advantage of without the scholarship. I returned to my institution with knowledge in three main areas: cataloging, colleagues, and culture.

I attended one of the tours of the amazing Bibliotheque du Quebec. Learning about the architecture, services, and goals of this Library was a wonderful experience. In the public library system where I work, we are about to open two new libraries in 2006. I never knew how many details and decisions had to be made and considered thoroughly before opening a new building.

I enjoyed the keynote address on FRBR, a topic about which I had no understanding before the Conference. The idea of displaying similar items in the catalog in a hierarchical model is quite appealing. I also appreciated hearing comments and concerns from audience members. I am excited that the future of the GMD is under discussion. If the session I attended is any indication, there will be creative and diverse approaches to this challenge in no time! Jay Weitz's videorecordings workshop provided some much-needed practical tips for me. I enjoyed going over records, tag by tag, and discussing trends and problems. The information I soaked up will be invaluable for my day-to-day cataloging of this format. Cataloging Electronic Resources is not something I have much experience in, but thanks to this workshop I came away with an entry-level understanding of this complex area. The genre/form terms workshop provided extremely helpful information. My library has recently turned on authority control for the 655 and we have been struggling with it ever since. Robert Maxwell went over some of the decisions that need to be made if a library wants to control headings for the 655, including where the authority records would come from and what thesauri can be used. Looking at some hands-on examples and hearing one library's methodology made me realize that my library can do it too!

The Conference also allowed me to mingle with catalogers across not one, but multiple, countries. There is truly nothing better than being among like-minded professionals. The Conference location exposed me to a culture and country that I had not previously known. I enjoyed beautiful Montreal immensely, along with meeting local residents, visiting McGill University and the McCord Museum, and learning about Library and Archives Canada in Anne Draper's showcase session. OLAC is obviously a valuable association in which to be involved. I returned to work with a stronger sense of A/V cataloging, and shared the knowledge with my colleagues.

NEWS & ANNOUNCEMENTS
Barbara Vaughan, Column Editor

CONNEXION CLIENT 1.40 RELEASE DELAYED UNTIL JULY

Connexion Client 1.40 release has been moved from June to July. June will be a very busy month for many of us, including libraries still completing their migration, support staff at OCLC regional service providers and in OCLC Customer Support helping staff with migration issues. Moving the Client release from June to early July will help OCLC to complete migration before introducing the Client, so that support staff will be available to help with upgrades if needed.

For more information about the upcoming changes to Client 1.40, please see <<http://www.oclc.org/connexion/interface/client/enhancements/future.htm>>. The following updates have been made recently on this page:

Client 1.40 will now include:

- updates to text string functionality; the cursor is now left at the end of the text, even if text crosses cells
- a new "align-right" option for cataloging with the Arabic (and Hebrew) script
- a Chinese (Simplified) interface (previously Chinese (Traditional) and Japanese interfaces were announced)

The following enhancements were previously announced as "July-September", but they have now been updated to "July":

- Hebrew, Cyrillic, and Greek script cataloging
- Access to the HKCAN (Hong Kong Chinese Authority Names) database

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ALCTS ANNOUNCES MARGARET MANN CITATION RECIPIENT

Dorothy McGarry, retired Head of the Cataloging Division of the UCLA Physical Sciences and Technology Libraries, is the recipient of the 2005 Margaret Mann Citation presented by the Association for Library Collections & Technical Services (ALCTS), Cataloging and Classification Section (CCS) of the American Library Association (ALA).

The award is a citation and a \$2,000 scholarship donated in the recipient's honor by OCLC Online Computer Library Center, Inc., to the library school of the winner's choice. It recognizes outstanding professional achievement in cataloging or classification.

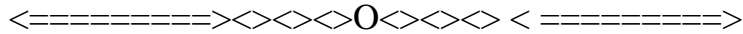
Dorothy McGarry is recognized for her multiple contributions to the practice of cataloging, in particular, her prolific involvement in professional association work at regional, national, and international levels. Her service within ALA encompasses a number of divisions and activities. She participated in the development and ongoing revision of several of the International Standard Bibliographic Descriptions (ISBDs) and in IFLA working groups on "Guidelines for Subject Authority Files", and "Principles Underlying Subject Heading Languages".

McGarry has made significant contributions to the cataloging of cartographic and scientific materials. She is a member of the Anglo-American Cataloguing Committee for Cartographic Materials, which prepared the second edition of *Cartographic Materials: A Manual of Interpretation for AACR2, 2002*.

Throughout Dorothy McGarry's career, she has served as a mentor and trainer to many catalogers, scholars and cataloging activists. The common thread in her professional life is the knowledge, expertise, dedication, and spirit of helpfulness she brings to whatever activity is being undertaken.

Dorothy McGarry holds a master's degree in library science from the University of California, Los Angeles.

The Margaret Mann Citation will be presented on June 26, 2005, at the ALCTS Awards Ceremony during the ALA Annual Conference in Chicago.



PUBLICATION OF THE FINAL REPORT OF THE AMEGA PROJECT

The Library of Congress is pleased to announce publications of the final report for the AMeGA (Automatic Metadata Generation Applications) project.

Greenberg, J., Spurgin, K., and Crystal, A. *Final Report for the AMeGA (Automatic Metadata Generation Applications) Project*. Submitted to the Library of Congress, February, 17, 2005.

Available at <http://www.loc.gov/catdir/bibcontrol/lc_amega_final_report.pdf>.

The final report can also be found on the Library of Congress Website for the Bicentennial Conference on Bibliographic Control for the New Millennium at <<http://www.loc.gov/catdir/bibcontrol/actionplan.html>>, which seeks to provide leadership to libraries and other information centers in confronting the challenges of networked resources and the Web.

Dr. Greenberg served as Principal Investigator (PI) for the AMeGA project, a research grant that lasted a full year. AMeGA stands for Automatic Metadata Generation Applications; the project's goal was to identify and recommend functionalities for applications supporting automatic metadata generation in the library/bibliographic control community. The project was conducted in connection Section 4.2 of the Library of Congress Bibliographic Control Action Plan. The Action Plan's charge for section 4.2 is to "Develop specifications for a tool that will enable libraries to extract [and harvest] metadata from Web-based resources in order to create catalog records and that will detect and report changes in resource content and bibliographic data in order to maintain those records. Communicate the specifications to the vendor community and encourage their adoption".

The AMeGA research project pursued three main goals:

1. Evaluate the current automatic metadata generation applications (in the following categories: document presentation software, tools created specifically for metadata generation, and online library cataloging modules for creating metadata);
2. Survey metadata professionals to get a consensus on which aspects of metadata generation are most amenable to automation and semi-automation;
3. Compile a final report of recommended functionalities for automatic metadata generation applications. The final report was reviewed and endorsed by the Metadata Generation Task Force (MGTF).

The report acknowledges the contributions of the MGTF members for their participation and their expert advice. In addition, since the final report was based partially on survey data gathered from a variety of participants that were recruited via a number of listservs , Dr. Greenberg also expressed her gratitude for input of the survey participants, both for the quality and depth of their responses.

To find out more about the AMeGA project, please go to AMeGA Project Website at <<http://ils.unc.edu/mrc/amega.htm>>.

[originally posted by:]

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AN UPCOMING PUBLICATION ON CATALOGING DIGITAL RESOURCES

Be on the lookout for a new book to appear soon: *Cataloging and Organizing Digital Resources* . Co-authors: Anne M. Mitchell and Brian E. Surratt. New York: Neal Schuman Publishing, 2005. LCCN 2005-903; OCLC 57626098.

Anne (my colleague here at Houston) says there is a chapter on cataloging e-books.

[originally posted by:]

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A PUBLICATION ABOUT DIGITAL AUDIO OBJECTS

For any institution considering a digitization program, or for anyone looking for a reminder of basic principles, *Guidelines on the Production and Preservation of*

Digital Audio Objects (TC-04) is an essential introduction and outline of all of the key elements of the audio digitization process.

Published by the International Association of Sound and Audiovisual Archives (IASA), *Guidelines on the Production and Preservation of Digital Audio Objects* (TC-04) was prepared by IASA's renowned Technical Committee, and edited by Kevin Bradley of the National Library of Australia. The *Guidelines* present a structured summary of current thinking and best practices regarding the digitization and preservation of audio materials. Written in a clear precise manner, this publication will be invaluable for any archive, library, museum or organization faced with the challenges of digitizing audio materials.

These *Guidelines* have been endorsed by the Sub-Committee on Technology of the Memory of the World Programme of UNESCO. They were also praised and frequently cited at the 2005 Association for Recorded Sound Collections conference in Austin, Texas.

The *Guidelines* can be ordered through the IASA Website <<http://www.iasa-web.org>> at a cost of 35 Euro per copy plus 5 Euro for postage. Alternatively, it can be ordered via the North American distributor Nauck's Vintage Records <<http://www.78rpm.com/>> at a price of \$50.00 (US) plus shipping. Nauck's accepts most major credit cards.

The *Guidelines* provide an excellent introduction to all aspects of digital reproduction including:

- Key Digital Principles and Standards
- Metadata
- Unique and Persistent Identifiers
- Signal Extraction for Originals
- Reproduction of Historical Mechanical and other Obsolete Formats
- Reproduction of Vinyl LP records
- Reproduction of Analogue Magnetic Tapes
- Reproduction of Digital Magnetic Carriers
- Reproduction of Optical Disk Media (CD and DVD)
- Preservation Target Formats and Systems
- Data and Audio Specific Storage Technology
- Digital Mass Storage Systems (DMSS)
- Data Tape Types and Formats
- Hard Disk Drives (SDD)
- Small Scale Manual Approaches to Digital Storage Systems
- Optical Disks: CD/DVD Recordables

- Magneto-Optical (MO) Disks

The discussion within each of these sections is comprehensive and includes such topics as selection of best copy, cleaning and carrier restoration, replay equipment, speed, replay equalization, various tape formats, alignment, noise reduction, practical aspects of data protection strategies, monitoring of data tape media, backup and migration, and, perhaps the most important of all, costs. There is also a bibliography.

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[originally posted by:]

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BOOK REVIEWS
Vicki Toy-Smith, Column Editor

*Authority Control in Organizing and Accessing Information:
Definition and International Experience*

Edited by Arlene G. Taylor and Barbara B. Tillett

An important, but often overlooked, misunderstood, or underappreciated aspect of library cataloging is authority control. As all catalogers (and, hopefully, all librarians) know, authority control facilitates access to a library's holdings by means of

organization, standardization, accuracy, and consistency. It is essential for effective and seamless searching of any library catalog. The increasing amount of digital information available via online library catalogs makes authority control increasingly important and difficult, but it also affords opportunities to find creative solutions to old problems. The editors and contributors of *Authority Control in Organizing and Accessing Information: Definition and International Experience* understand this, and they strive to make a significant contribution to the world of authority control. They certainly succeed. This large and impressive volume, which was simultaneously co-published in two issues of the journal *Cataloging and Classification Quarterly*, is comprised of papers presented at the 2003 International Conference on Authority Control, in addition to several solicited articles contributed afterwards.

The book consists of five sections, each focusing on various aspects of authority control. The first section, "State of the Art and New Theoretical Perspectives", consists of three thought-provoking articles. One of the most interesting papers in the entire book is Arlene Taylor's discussion on teaching authority control in library schools. She conducted a survey of library school professors, and the results are enlightening and perhaps surprising. Survey respondents noted that teaching authority control is an important endeavor in library science, but just how much it is taught and what barriers exist for someone wanting to teach it may surprise the reader. The eight articles within the second section, "Standards, Exchange Formats, Metadata", address a wide variety of pertinent and fascinating topics of interest to all catalogers, especially metadata specialists. These include IFLA's attempts at developing the UNIMARC standard for authority data, the relationship between authority control and various burgeoning metadata standards, and the challenge of establishing and maintaining authority control in an era of networked interoperability. The third section, "Authority Control for Names and Places", consists of eight articles that are particularly practical. One highlight in this section is Qiang Jin's fascinating discussion on using the Web pages of corporate entities as bases for established headings in authority records. The next section, "Authority Control for Subjects", addresses issues in subject authority records in its six articles, highlighted by Ana Lupe Cristán's discussion on SACO and subject gateways.

The final, and by far lengthiest, section of the book is "Authority Control Experiences and Projects", which consists of twenty articles detailing case study results of a wide variety of projects involving authority control that were recently undertaken by librarians around the world. These international experiences should have universal appeal to all catalogers. This section, which takes up nearly half of the book's 651 pages, is arguably the best reason to acquire and read this tome. It is tremendously rewarding to read about, and learn from, librarians from around the world who are

finding creative solutions to such authority control problems as multiple names and language differences.

A worthwhile addition to these five sections is Michael Gorman's opinionated and incisive article on the history, current state, and future of authority control. This excellent overview of the process and rationale for authority control should be required reading for all librarians and library science students. Gorman's strong thoughts on "real cataloging" versus Dublin Core metadata (which he calls "wretched Dublin Core") and Google searching will undoubtedly cause a reaction.

This book is both practical and theoretical in nature, and focuses on both "real cataloging" and metadata. The issues addressed are not just touched upon; rather, they are explored in depth. A tremendous amount of research is conducted on authority control and librarians around the world are obviously putting a great deal of creative thought and effort into this essential aspect of cataloging. The authors' contributions are remarkably thorough and comprehensive, but the articles are as readable as they are instructive and consist of a large amount of useful information that the reader can apply to his or her own job as cataloger or metadata specialist. Those who are merely looking for a comprehensive history of authority control will find it within the book's pages. Additionally, those interested in the current state of authority control will be thrilled. And finally, those seeking ideas on where authority control may be heading will also be satisfied. The consistently high quality of writing and thinking found within the book's pages is inspiring. As an invaluable resource for practitioners and educators alike, it should find its way into library science classrooms, onto library shelves and catalogers' desks everywhere.

Published in 2004 by: Haworth Information Press, Binghamton , New York . (651 p.) ISBN 0-7890-2715-1 (\$59.95); 0-7890-2716-X (pbk . - \$34.95). Co-published simultaneously as *Cataloging & Classification Quarterly*, Vol. 38, Nos. 3/4, 2004 and vol. 39, nos. 1/2, 2004.

Reviewed by:
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Thomas Cooper Library
University of South Carolina

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Cartographic Materials:
A Manual of Interpretation for AACR2, 2002 Revision, 2nd ed.
Prepared by the

Anglo-American Cataloguing Committee for Cartographic Materials
Edited by Elizabeth Unger Mangan

Map catalogers eagerly awaited the revision of *Cartographic Materials*, the classic, authoritative manual, long out of print. The revised manual came out in 2003 and is intended for use as a supplement in conjunction with the 2002 revision of AACR2. Its aim is to help catalogers to interpret and apply the rules given in Chapters 1 and 3 and, where necessary, Chapters 2, 9, 12 and 13 of AACR2 (2002 Rev.).

Cartographic Materials contains 14 chapters, 10 appendices, a glossary, a concordance, and an index. The manual is issued in loose-leaf format to aid in convenient updating of the base text. The manual is arranged according to the areas of cataloging description. The appendices contain guidelines and technical details on various issues of map cataloging, such as instruction on choosing the access points, determining scale, coordinates and date of situation. Moreover, additional information useful for cataloging series, sets, atlases, early cartographic materials, electronic resources, remote sensing images, serials, and integrating resources are found in the other appendices.

The manual has been expanded to include rules, up-to-date examples, applications, and policies for early cartographic materials, cartographic electronic resources, remote sensing images, serials and integrating resources. The glossary, including relevant parts from the glossary of AACR2, is expanded to incorporate many additional terms relating to electronic resources, cartography, and map production methods.

The rule numbers follow a similar ordering system to that used in AACR2, starting with the Area designation. Moreover, to facilitate reference to AACR2 rules, the corresponding AACR2 rule number is given in parentheses in the right hand margin next to each *Cartographic Materials* (CM) rule. Further assistance is provided in the section following many of the rules, with the addition of information designated as "Applications" and "Policies". When present, "Applications" interpret the rules and provide guidance for their use. Less frequently given, but equally valuable, "Policies" are provided to identify what practices are specifically followed for the rule in question by selected national agencies responsible for cataloging cartographic materials.

There were many significant changes made in AACR2 (2002 Rev.) that have had an impact on everyday cartographic materials cataloging. For instance, the terms "cartographic materials" and "electronic resources" were added to the list of General Material Designations in AACR2. In Area 3 ("Mathematical and other material specific details"), there are rule changes with respect to materials with more than one scale statement. Also, the ability to record coordinates in decimal degrees (a method

of identifying coordinates used heavily in metadata and GIS schemes) is now an option (AACR2 3.3D1) that can be included in bibliographic records.

With the change in AACR2 (2002 Rev.) of the label for Chapter 9 from "computer files" to "electronic resources", the foremost impact to catalogers of cartographic electronic resources is the identification of the chief source of information in *Cartographic Materials* (0C7). The list of "Chief source of information for electronic resources" has grown to include title screen(s), main menus, program statements, initial display(s) of information, home page(s), the file header(s) including "Subject:" lines, encoded metadata, and the physical carrier or its labels. These are considered to be the formally presented evidence. In cases where the information varies in completeness, the rule instructs the cataloger to select the source that provides the most complete information. The manual also provides detailed instructions on what to do when the information is not available from the resource itself.

The manual also includes interpretations of new rules for digital geospatial data. In order to record the more technical description accompanying geospatial data, two new elements of description have appeared recently in map cataloging guidelines: "digital graphic representation" (AACR2) and "geospatial reference data" (*Content Standard for Digital Geospatial Metadata*). The highly technical concept of "geospatial reference data" is explained in Appendix H on "Cartographic electronic resources". Catalogers who have avoided cataloging digital spatial data because of the lack of up-to-date cataloging rules should be pleased that there is finally solid guidance for this new type of cartographic material.

There is a great deal of useful information in the appendices, which can be demonstrated here with just a few well-chosen examples. Catalogers of cartographic electronic resources will find it useful to read the section on metadata (H.6) in Appendix H, which describes where metadata can be found in CDs, DVD-ROMs, and Internet resources. As mentioned earlier, catalogers now have a choice of entering the coordinates as decimal degrees found in cartographic electronic resources, as opposed to the traditional sexagesimal system of degrees, minutes, and seconds. This is addressed in Appendix B, "Guidelines to determine scales and coordinates", with Table 9. For those who catalog remote-sensing images, Appendix J is devoted to that topic and covers the pertinent guidance necessary for that task.

This revision includes an expansion of the treatment of early cartographic material. Aside from the guidelines for rare maps that are interspersed within the rules, an appendix (G) on this subject is included, furnishing more useful information. It is based on *Descriptive Cataloging of Rare Books* and *Manual for Cataloging of Antiquarian Cartographic Materials* and provides advice in cataloging early cartographic material. The excerpts from *Descriptive Cataloging of Rare Books* offer

useful advice on working with early forms of print letters (G.1). Abbreviated forms of standard bibliographic references used for citation of published descriptions of rare maps are included (G.3). On the more difficult concepts of reproductions of early cartographic materials, definitions of facsimile, fakes, forgeries, original, reprint, reproduction, and re-strike are drawn from various established references sources (G.5). Three pages of the appendix are devoted to various factors to consider in identifying reproductions.

The Concordance has a list of rule numbers three and a half pages long (with four columns per page) showing the correlation between AACR2 rules to those found in this manual. It also has a similar list on two-thirds of a page (divided into two columns) correlating *Descriptive Cataloging of Rare Book* rules to those in *Cartographic Materials*. Both lists prove to be very useful when catalogers want to explore the other manuals for further explication.

With everything that is included in *Cartographic Materials*, it should be noted that the manual is not, nor was it intended to be, a single resource for map cataloging. In its function as a manual for guidance on the descriptive aspects of map cataloging, it does not cover subject analysis and headings nor the form of name, title, geographic or other headings. Instead, it is a substantial update of a resource long considered a "bible" for map catalogers. In that capacity, it is an authoritative and invaluable tool for cartographic catalogers, as well as catalogers who deal with cartographic materials on a more occasional basis. It is also an absolutely indispensable tool for libraries with a substantial map collection.

Published jointly in 2003 by: American Library Association (Chicago , Ill.), Canadian Library Association (Ottawa , Ont.) and Chartered Institute of Library and Information Professionals (London , Eng.). ISBNs: 0-8389-3539-7 (ALA); 0-88802-305-7 (CLA); 1-85604-516-1 (CILIP). Price: \$115 (U.S.); ALA member price: \$103; ordering now through ALA also includes the *2004 Update Pages* (ISBN: 0-8389-3549-4), normally priced at \$35, or \$31.50 for ALA members. (The "update pages" were not included as a part of this review).

Reviewed by:
Tammy T. Y. Wong
Cartographic Materials Cataloger
Geography & Map Division
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OLAC CATALOGER'S JUDGMENT

Jay Weitz

Enhanced CDs, 006s, and 007s

Question: I am cataloging an enhanced CD with an array of characteristics. I am not certain about how many additional 006 and 007 fields are needed for it, not to mention which format type(s) to choose. The example in hand is primarily a standard audio CD that can also be used as a CD-ROM to view two music videos, with the capability of viewing the lyrics of each song a line or two at a time while listening to the songs via the computer. In the past, it would have been sufficient to code the record as a musical sound recording (with the respective 007 field), and to add fields 006 and 007 for the computer file (CF) aspects. However, now that the guidelines for when to use Type "m" have changed, does that also affect coding for secondary aspects? When creating a full-level cataloging record for the CD as described above, would the cataloger need to add fields 006 and 007 for the electronic resource aspects, another 006 and 007 for visual materials and yet another 006 for the textual aspects?

Answer: The item described as "primarily a standard audio CD" should, as you say, be coded as a musical sound recording (Type "j") with a corresponding sound recording 007. Beyond this, the other aspects need to be considered. Since it is an "Enhanced CD" with computer file aspects, a CF 006 and CF 007 are needed. Regarding the lyrics display, it is useful to think the situation through and consider a few analogies. Clearly, the song lyrics are important, but in the context of this whole item, should they be considered as accompanying material (similar to a lyrics sheet or program notes accompanying a music CD) or as an aspect equal in importance to the sound and/or the CD-ROM element? Although it is a matter of judgment, my tendency would be to lean toward considering these lyrics to be accompanying material, not necessarily having sufficient value to the end user for coding a textual 006. Catalogers can think of this as roughly analogous to movie subtitles or closed captions, which are equally useful but for which a textual 006 is not provided. The point here is not to denigrate song lyrics in the least, but just to suggest that there might be a way of "weighting" decisions on this kind of matter. For instance, if this were an opera CD that included, say, a "pdf" of the opera libretto (just as some opera CDs and LPs are sometimes accompanied by printed libretto booklets), then this kind of case might be considered substantial enough to be worth giving access via a textual 006. In the case described here, however, I would suggest noting the availability of the lyrics, but not including field 006 for that textual aspect.

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Coding 006 and 007 Fields for Accompanying Material

Question: Popular song lyrics may not always rise to a level of importance that would warrant additional format coding, but what about the case of a popular music audio CD that is "enhanced" to include music videos for the songs that can be viewed via computer? Another example would be audio CDs that also contain a whole range of other material (pictures, videos, musical analysis, commentaries, etc.). In other words, is providing CF fields 006 and 007 alone still sufficient for all secondary material that is accessed as a CD-ROM, or does the change in MARC towards preferring Type Codes other than "m" for textual, visual, or audio material mean that a CF 006 and 007 alone are no longer sufficient with respect to extending OCLC's "Cataloging Electronic Resources" guidelines for primary formats to secondary formats?

Answer: Technology long ago outpaced catalogers' means of giving access to such complex materials. AACR2 and MARC 21 are imperfect and incomplete tools in trying to accomplish the best access that catalogers can manage (and AACR3, I feel confident in predicting, will likewise be imperfect and incomplete). When cataloging any individual item, whether it is something as traditional as a book or as cutting edge as the most complex multimedia item imaginable, catalogers make choices about how--and how much--description and access to provide. Each individual case will differ, as will the cataloger's judgments about the relative importance of different aspects of each individual item. The libretto example in the question above is a good example of this kind of judgment. Another point to make about more complex items is that catalogers should not feel compelled to account for absolutely everything, but that judgment should be used. In the case above, stating that it was "not necessary" to use a textual 006 to bring out the presence of the song lyrics does not mean that there is anything wrong with doing so. Similarly, if another aspect (videos, still photographs, whatever) of the item is judged to be worth bringing out with a corresponding field 006, then by all means it should be done. Now if I understand it correctly, the question is if catalogers should try to use 006 fields to account for the particular materials (text, video, photos, etc.) that may be presented via, say, the CD-ROM component of an "Enhanced CD" that primarily has audio characteristics. Again, catalogers must resort to judgment and remember that it is not always possible to account for everything. The CF 006 is supplied to give (admittedly rudimentary) access to the CD-ROM material, whatever it may be, with the corresponding 538 given to specify the equipment, software, etc. needed to access that material, with the possibility of adding another note detailing what that material is. In many (probably most) cases, that should be sufficient. Catalogers should not feel obligated to code 006 fields beyond that to account for any individual CD-ROM aspects, except when they judge that information to be particularly appropriate.

monograph. Close examination will sometimes reveal that the CD-ROM is actually accompanying material, although most times it will consist of " pdf " files that exactly duplicate the print version. According to the LCRI, there is a difference between "electronic reproductions", "electronic republications", and "simultaneous publications in analog and digital form". The rules for cataloging the first type are clear, but there is no guidance as to how to treat them if they fall into either of the second two categories; there is also no clear guidance on how to distinguish one from the other. It is obvious enough how to treat electronic publication consisting of " pdf " files, with no variations, but how about one which varies only in the way the title page information is presented? Would it be too literal to say that this varies from the printed text, even though the intellectual content is exactly the same? Something that is cataloged as a reproduction is described as if it were the print, with a reproduction note; something that is *not* is presumably cataloged as an electronic resource with the appropriate description. This makes it impossible to refer to specific *pages* of the text for quoted notes or bibliographical references. Please explain how to deal with these types of materials and how to interpret the LCRI.

Answer: To my mind, the implication of the LCRI regarding "electronic republications or simultaneous publication in analog and digital form" is that individual institutions are free to treat them as they wish, with the text clearly leaning towards *not* following the LCRI in those instances. That is to say, such publications judged not to be "reproductions" in the sense outlined in LCRI 1.11A, may be treated as what is now called "born-digital" publications. Chapter 9 and, in the case of textual files, Chapter 2 would be used for guidance. The meaning of "simultaneous publication" is fairly clear, I think. The distinction that I have in mind between "electronic reproduction" and "electronic republication" (which is merely my own guess and therefore cannot be taken as an authoritative account of LC's intentions) is between versions that mimic the look, feel, and pagination of the original (such as "pdf", and similar sorts of files) and those versions that do not (such as HTML, and similar sorts of files). Of course, the fact that HTML and similar files cannot be referred to in terms of specific page numbers is a problem inherent in the technology rather than in cataloging practice, and I see no remedy for that. One would think that this would be a consideration for those making electronic reproductions of all types.