From the Chair
On the Cataloging/Cataloguing Front
Exec Board Minutes - December
Treasurer’s Report
Exec Board Minutes - January
Membership Committee
New Maps and Cartographic Materials
Digital Mapping
Great Moments in Map Librarianship

http://www.ala.org/rt/magirt

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**base line** is an official publication of the American Library Association's Map and Geospatial Information Round Table (MAGIRT). The purpose of base line is to provide current information on cartographic materials, other publications of interest to map and geography librarians, meetings, related governmental activities, and map librarianship. It is a medium of communication for members of MAGIRT and information of interest is welcome. The opinions expressed by contributors are their own and do not necessarily represent those of the American Library Association and MAGIRT. Contributions should be sent to the appropriate editor listed below.

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Members of MAGIRT can access **base line** as a benefit of their membership.

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312.944.6780  
Published by the Map and Geospatial Information Round Table
Howdy MAGIRT – it was wonderful zooming with everyone during our Midwinter meeting. There were great discussions and plans made at the different sessions, we’ve been busy during the past year and I want to share just some of the results that were reported on at the meeting. The Online Guide to U.S. Map Collections continues to grow, if you haven’t looked at the map recently, you’ll be impressed by the number of collections represented! The Education Committee hosted several virtual presentations and had large attendance at each. More presentations are in the works so watch for announcements! The Cataloging & Classification Committee finished their work on the revised Guidelines for Cataloging Cartographic Resources Using RDA. The guide has been made available openly through MAGIRT’s webpage. Our Membership and Marketing Committee, working with ALA Office’s Marketing Department, designed new promotional material that we can use in recruitment of members.

ALA Annual 2021, which was scheduled to meet in Chicago during June, has officially been converted to a virtual meeting. I’m sad to miss out on eating pizza, visiting the museums, and seeing everyone in person! We are now pros at hosting virtual meetings, but I look forward to Annual where we can sit down together and talk face-to-face.

If you attended the Midwinter membership meeting you heard this several times, but I would like to say it again! We have several of our committee chairs that are open or will be coming open soon, if you would like to learn more about the chair positions please reach out to myself, Iris, or the current chair (which is listed on the MAGIRT webpage). If you would like to serve as chair of a committee you can express your interest by email Iris and me. The chair positions are a great opportunity to help lead the future directions of MAGIRT, take on a leadership role, and just generally increase your involvement with our awesome group! You will find the full list of open chair positions in Iris’ report from Midwinter, included in this issue!

In world events, we are now at the one-year mark of our social distancing pandemic experience – but I can see that light at the end of the tunnel as the vaccination campaign rolls out. Continue to stay safe, wear your masks, and wash your hands.

Sierra
Tim Kiser, Chair of the CCC, called the meeting to order at 12:00 noon. He welcomed all the attendees to the CCC meeting. There were 18 attendees in total. Members present: Paige Andrew, Tim Kiser, Maggie Long, Susan Moore, Laura Ramsey, Ken Rockwell, Iris Taylor, Tammy Wong, and Min Zhang.

1. **Call to order** (Tim Kiser)

2. **Welcome and introductions**
   
   CCC members and guests introduced themselves.

3. **base line cataloging editor report** (Tammy Wong)
   
   The minutes from CCC meeting held at ALA Annual Conference, in June 2020, were approved as published on page 8 of the August 2020 base line.

4. **ALCTS CaMMS/MAGIRT Cartographic Resources Cataloging Interest Group report** (Maggie Long)

   ALCTS-CaMMS/MAGIRT Cartographic Resources Cataloging Interest Group
   ALA Midwinter Meeting 2021, held online via Zoom, Monday, January 25, 2021

   Attendees (20): Paige Andrew, Penn State University Libraries; Melinda Sandkam, MSIS student, Univ. of Tennessee; Tim Kiser, Michigan State University Libraries; Laura McElfresh, Univ of Minnesota; Sierra Laddusaw, Texas A&M University; Ronda L. Sewald, Indiana University; Nancy Kandoian, Map Division, New York Public Library; Amy Runyon, Baylor University; Ken Rockwell, University of Utah; Iris Taylor, Library of Congress; Katie Bacone, Indianapolis Public Library; Tammy Wong, Library of Congress, Geography and Map Division; Louise Ratliff, retired UCLA map cataloger; and cataloger for Southern California Genealogical Society; Jay Mitchell, City of Dallas Texas; Dorothy McGarry,UCLA retired; Susan Moore, University of Northern Iowa; Min Zhang, Library of Congress; Craig Haggit, Denver Public Library; Caroline McAuliffe, Univ. of Florida; Katherine S.; Angeline Beljour; Christopher Thiry, Colorado School of Mines; Maggie Long, Wesleyan University, Chair.

   Numbered agenda items followed by discussion notes:

   I. **Working with collections materials while working remotely.**

   For those who work with in-library only access materials in your collections that cannot be taken out of the library, are you doing any cataloging during your remote, work-from-home day?
Discussion:

It has been an adjustment working remotely, especially for those whose primary job duty is to catalog physical materials that only be accessed while onsite in the library. Some have been able to go in a couple days per week to work, while others have been working only remotely since last March 2020.

Described here are approaches some have taken to do their work remotely:

- Review and update bibliographic records (authority work, access points, genre terms, etc.) from a downloaded collections inventory spreadsheet. Add notes on what needs to be reviewed when possible to have access to the physical item.
- Use of photocopies of card catalog records and compare to online catalog record.
- Authority work on minimally cataloged records to update the bibliographic record, add a note in the record to indicate the minimally cataloged item has not been examined and record is not complete.
- During a brief visit to the library once a week, capture the necessary information with the use of photographs (include title, details, bounding box, and any other information that is helpful for cataloging; capture barcode information for organizational purposes) to reference and catalog while working remotely.
- Implemented a workflow of scanning the maps – one person working in the library is assigned to scan the maps and create a record in excel spreadsheet for access to the scans via a server for the cataloger, working remotely, to catalog.

II. OCLC question about when to create a new record

*When you only find a brief record and not sure if, it is a match for your item in hand. Do you create a new master record in the absence of another English-language master record that is a more certain match, or do you use the record and make changes only locally for your system, or do you upgrade and replace the record, hoping you are “doing no harm”? (Refer to OCLC records: 1082895108 and OCLC 316498603)*

Discussion:

Search the library’s online catalog where the master record was cataloged, as you may find a more detailed bibliographic record. If that is not helpful, you may want to create a new master record for your item in hand.

Suggestions:

- Refer to the document “Cataloging defensively” (see how to keep records from being merged erroneously).
- Add in a bracketed [250] to the record to make it clear on what it is about the item being cataloged that makes it so distinctive. To make it clear on why the decision was made to create a new record for it because the others were not a match.

III. MARC Discussion Paper No. 2021-DP03: Coordinates for Geographic Positioning of Structures in Images. There is a discussion paper to be considered at the MAC meeting for MAGIRT catalogers to discuss:

Suggested that the easiest solution is to expand the scope of the 034 and 255 fields.
Excerpt from MARC Discussion Paper No. 2021-DP03: 3, Proposed Changes

To pursue the option of broadening field 034 (Coded Cartographic Mathematical Data) to extend its usage to images would require at a minimum an additional paragraph in the Field Definition and Scope. Since presently field 034 is used in concert with field 255, usage guidelines for applying only the geographic coordinates subfields of field 034 to image materials without the concomitant field 255 would be needed. It could also be helpful to add to the usage guidelines under 034 subfield $g to explain that the convention of coding for a center point is to be used when coding a small feature or structure. Finally, adding appropriate examples of this usage, under subfield $g, would be helpful. The addition to the Field Definition and Scope could be as follows: For images or graphic materials, geographic coordinates are recorded to represent the position of the structure, site or feature depicted in the resource. In this case, field 034 does not have a corresponding field 255 in the record.

Discussion:

- If proposed change is adopted, it would require a change in validation rules. The group recommended this is a question to ask OCLC: for the validation rules for a single 034 without a corresponding 255 – should that be generalized? Or should that be restricted by format, that is, make it format specific.

- Emphasis the difference when cataloging other materials and cartographic materials (as to have a bounding box, you know the area, the space). Describe the distinction when referring to other materials than cartographic materials. Any location based materials: minerals, house, anything tided to the location (location based data). There is a need for tying non-map materials to geographic coordinates. What are the best practices when applying this idea.

- Susan Moore, MAGIRT representative to the MARC Advisory Committee (MAC) liaison, will bring up these points regarding the discussion paper at the upcoming MAC meeting.

IV. We are considering the applicability of field 583 to our digital cartographic resources. Looking for thoughts and comments on the use of the 583 field.

Terminology for MARC 21 Field 583 (Library of Congress) (loc.gov)

Discussion:

(please refer to page 70 and 71 for the definitions of some terms applicable to cartographic resources such as “Digitized” and “Georectified.”)
LC has the one record approach for scanned materials and need to distinguish between born digital resources and scanned materials. The question is how to account for resources obtained digitally from the rest of the paper maps scanned locally.

There is also a budgetary reason for looking into this question as resources acquired digitally fall under a separate budget specifically for digital acquisitions and is separate budget from the paper-based maps. There is also a need to provide this information for the purpose of statistics.

Suggestions on how to track the information:

- The 583 field is a good possibility as it has for multi-purposes.
- Add a 500 note to describe it is a scanned map.
- Through the holdings record: one for paper and one for scans?
  :holdings field 876, subfield j might be an option?

V. Map catalogers and RDA: comments and suggestions. No discussion.

Meeting adjourned. ML

5. CC:DA report (Min Zhang)

ALA Report CC:DA 202101

By MAGIRT Liaison Min Zhang

BIBFRAME (Bibliographic Framework Initiative)

The Network Development and MARC Standards Office (NDMSO) and the Policy, Training, and Cooperative Programs Division (PTCP) continue work on BIBFRAME development and testing. Currently about 100 Library of Congress catalogers, including staff members in most of the overseas offices, copy catalogers and catalogers of text, maps, moving images, notated (print) music, rare books, sound recordings, still images, and moving images in 35mm film, BluRay, and DVD formats, produce BIBFRAME descriptions. In November 2020, ABA Director Beacher Wiggins announced his intention to have all cataloging staff trained and productive in BIBFRAME by the end of fiscal 2021.

To help train the new participants, a comprehensive Library of Congress BIBFRAME Manual was created. The manual is publicly available on the Catalogers Learning Workshop site, together with all associated training materials.

Production has increased through ongoing improvements to the input/update interface (“BIBFRAME Editor”) and the BIBFRAME Database of descriptions. In particular, the BIBFRAME Editor software was adjusted to permit input and display of Cyrillic script. The Library of Congress BIBFRAME Manual was revised to reflect the improvements and to enable other libraries to access the publicly available version of the BIBFRAME Editor for use in their own cataloging.

The entire BIBFRAME Database application (BFDB) and the Linked Data Service (LSD/ID) along with their platform, MarkLogic, were moved to the Cloud (Amazon AWS) as part of the Office of the Chief Information Officer’s project to move all IT services to a new remote location or to the cloud. The change entailed substantial modifications to the transfer of data from on-premise systems to cloud-based systems, data processing and loading, and staff work habits.
In April 2020, the long-awaited BIBFRAME-to-MARC conversion tool was published by NDMSO. The converter, after further refinement, will permit BIBFRAME descriptions to be distributed to OCLC and other Cataloging Distribution Service customers in the MARC formats. This will enable the Library to meet its commitments to distribute cataloging data in MARC without the need for staff to perform dual cataloging. The BIBFRAME Editor and converter tools were shared with the community via a GitHub repository.

Bibliographic data in the BIBFRAME 2.0 database must be used in combination with authority data from the LC Linked Data Service. In fiscal 2020, all the Library of Congress Classification schedules were loaded into “ID” and are now searchable in that service. In addition, NDMSO continued to ingest Wikidata links into “ID” for users who wished to consult both data sources. By year’s end, more than 1.23 million links between the two ecosystems had been created by the Library and Wikimedia community. After the move to AWS, traffic in “ID” nearly doubled, to about 1.1 million searches annually.

The ABA Directorate continued to work closely with about 20 libraries in the related LD4All (Linked Data for All) project led by Stanford University Libraries under an Andrew W. Mellon Foundation grant investigating the use of BIBFRAME in metadata creation and discovery. The Library of Congress held regular telephone conferences with the libraries that experimented with resource description based on BIBFRAME principles in a linked open metadata environment. The research libraries that coordinated their BIBFRAME or linked open metadata experiences with the Library of Congress suspended or reduced operations during the pandemic, slowing progress to some extent.

RDA LC-PCC Policy Statements. The beta RDA Toolkit is now the official version, as of December 15, 2020. As part of the preparation by the Library of Congress and Program for Cooperative Cataloging (PCC) for this transition, the LC-PCC RDA Policy Statement project team has completed writing more than 7,500 LC-PCC Policy Statements. While these draft policy statements will be included in the new official RDA Toolkit, they are not final versions. Every one of the policy statements must be reviewed, revised (if needed), and tested before being accepted as the final version. The LC-PCC RDA Policy Statement project team is based in the Policy, Training, and Cooperative Programs Division (PTCP), overseen by PTCP Chief Judith Cannan. For some background information on the LC-PCC PS project please consult the document LC-PCC Policy Statements in the beta RDA Toolkit.

Subject cataloging policy.

Bibliographic record control numbers in authority records. The citation for the work being cataloged is the first MARC 670 field provided in proposals for subject headings, genre/form terms, medium of performance terms, and demographic group terms. According to longstanding policy, field 670 subfield $a contained the LC bibliographic record control number (i.e., the LCCN) if applicable, the main entry, the title, and the publication date of the work.

Beginning in July 2020, the bibliographic record control number is contained in subfield $w, which appears as the last element in the field. The control number itself is preceded by the MARC code for the agency to which the control number applies, enclosed in parentheses. For example:

**Citation formatted according to former policy:**

670 ## $a Work cat: 2015300502: Finding Julia, 2014: $b p. 13 (Bollinger family) p. 11 (Bollinger County, Missouri was named after George Frederick Bollinger, b. 1770. His German ancestors migrated from Zurich, Switzerland to Philadelphia in 1738)

**Citation formatted according to current policy:**

670 ## $a Work cat: Finding Julia, 2014: $b p. 13 (Bollinger family) p. 11 (Bollinger County, Missouri was named after George Frederick Bollinger, b. 1770. His German ancestors migrated from Zurich, Switzerland to Philadelphia in 1738) $w (DLC)2015300502
The LCCN is provided in LCSH proposals made by LC catalogers. The LCCN should also be provided in SACO proposals made for CIPs that are cataloged in the CIP Partnership Program. “Work cat” citations in other SACO proposals may contain a single subfield $w$ that reflects either the local control number of the SACO institution or a bibliographic utility control number (e.g., the OCLC number). Subfield $w$ is not required for SACO proposals, other than for those made to support CIP cataloging.

Citations in existing authority records will not be revised to move to subfield $w$ an LCCN that appears in subfield $a$, nor to add a control number to a citation that does not currently include a control number. When proposals are made to revise existing records, the citation for the work prompting the proposal should be formatted according to the new policy.

“Multiple” subdivisions. “Multiple” subdivisions are being cancelled from LCSH in order to better support linked-data initiatives. “Multiple” subdivisions are a special type of subdivision that automatically gives free-floating status to analogous subdivisions used under the same heading. Since the ALA 2020 Midwinter Meeting, 1,177 authority records have been cancelled and 9,020 have been created. In addition, 201 validation records have been redesignated as full authority records. Since the project began, 1,803 authority records have been cancelled, 14,577 have been created, and 353 validation records have been redesignated.

The initial focus of the project, multiple subdivisions used after the topical subdivision –Religious aspects, was completed in July 2020. The focus is now on multiples used after inherently religious topics (e.g., Atonement (Prayer)—Buddhism, [Hinduism, etc.]), and work has also begun on other multiples established under headings that are not religious in nature (e.g., United States—Appropriations and expenditures, [date]; Names, Personal—Scottish, [Spanish, Welsh, etc.]).

In addition, five free-floating multiple subdivisions that were used after names of persons were discontinued in June and July 2020: –Career in [specific field or discipline]; –Characters—Children, [Jews, Physicians, etc.]; –Characters—[name of individual character]; –Knowledge—[specific topic]; and –Relations with [specific class of persons or ethnic group]. The multiple subdivision –Views on [specific topic], used under headings for William Shakespeare and Jesus Christ, was also cancelled. Please see Subject Headings Manual (SHM) instruction sheet H 1110, Names of Persons for more information.

The ALA Subject Analysis Committee (SAC) has been assisting with the project since August 2020, and PTCP thanks them for their help.

The continued existence of a multiple subdivision for a particular topic cannot be assumed. It is therefore imperative that LCSH be searched at all times, in order to determine whether the multiple has been cancelled. Catalogers may remember the multiples Birth control—Religious aspects—Buddhism, [Christianity, etc.] and Birth control—Religious aspects—Baptists, [Catholic Church, etc.], for example, but they were cancelled in May 2019 and replaced by 20 individual authority records. Because the multiples were cancelled, all headings of the type Birth control—Religious aspects—[religion or Christian denomination] must have an authority record; that is, they must be proposed as needed.

Individual multiple subdivisions should continue to be used according to the instructions in Subject Headings Manual H 1090 until they are cancelled.

The community may keep abreast of progress on this project by consulting the Multiples Cancellation Project website. The project is not proceeding alphabetically, so those wishing to update their local catalogs are encouraged to download the spreadsheet periodically and sort it by the date of cancellation.

LCSH online training. The final two units of the LCSH online training were mounted on the Catalogers Learning Workshop in March 2020. Unit 7, titled “Putting It Together,” provides instruction on evaluating headings technically, evaluating the headings assigned to resources, and creating and assigning full heading strings to resources. This free training is available...
on LC’s website. The Library of Congress does not provide certificates of completion for this training.

**LCC online training.** Comprehensive training on Library of Congress Classification is now available on the Catalogers Learning Workshop. Like the LCSH online training, it was developed primarily to meet internal training needs of the Library of Congress, but it is being made freely available online as a service to the library community. The instructors are Janis L. Young, MA, MSLS, a senior cataloging policy specialist in the Policy, Training, and Cooperative Programs Division of the Library of Congress, and Daniel N. Joudrey, MLIS, Ph. D., a professor at the School of Library and Information Science at Simmons University in Boston, Massachusetts. The 47 modules are divided into 12 units. Each module consists of a lecture and a hands-on exercise. The lectures are audio-visual, and a transcript of each is provided in PDF form. Questions or comments may be directed to Janis L. Young at jayo@loc.gov. The Library of Congress does not provide certificates of completion for this training.

**Committee on Cataloging: Description & Access**

2021 Midwinter Virtual Meeting

Report and Q&A from ALA Publishing: James Hennelly

3R Project

Completed with Dec. 15 Release

Accomplished significant goals
- Responsive design
- AA Accessibility
- Implementation of IFLA Library Reference Model
- Rebuilt structure
- Integrated Content

Next Steps

Work Continues on Translations
- Norwegian complete
- Finnish soon
- Others uncertain

Same for Policy Statements
- BL and LC-PCC continue to build
- MLA BP beginning work in the CMS

Further Toolkit Development
- Visual Browser
- Mapping Tool

Orientation Efforts
- Continuing RDA Lab Series
- Toolkit Demos
- YouTube Channel
• Print Products
  o RDA Glossary
  o Introducing RDA: A Guide to Basics after 3R
  o RDA Workbook (to come)
  o RDA Essentials (to come)
• Submit Feedback Button

Other Information
• RDA-L on ALA Connect
• 2021 Release Schedule
  o April 6
  o July 27
  o October 5
• COVID-19 Response
  o Extended Free Trials
  o Discounted pricing for new and returning subscribers

Reports
1. Virtual participation task force report.
2. Final Report from the Best Practices for Recording Faceted Chronological Data in Bibliographic Records Task Force
3. RDA Toolkit youtube channel

6. LC Geography and Map Division report (Min Zhang)

G&M ALA Update 2020
The Geography and Map (G&M) ALA update reflects the activities in the Division for 2020. Due to the COVID-19 pandemic, beginning in March 2020 the G&M Reading Room was closed to the public, shifting to 100% virtual service to patrons, doubling the amount of request answered in the timeframe.

In FY20, G&M successfully initiated LC Selects Maps Approval Plans, designed to acquire foreign produced cartographic materials from 2 vendors. G&M acquired materials in over 35 foreign countries. In FY20 G&M received, from the National Geospatial Intelligence Agency (NGA), initial shipments of deaccessioned maps from the Foreign Map Procurement Program (FMPP) collection. Additionally, transfers of cartographic materials from U.S. Federal agencies, other Library divisions, and mandatory deposit from the Copyright Acquisitions Division (CAD) accounted for thousands of items being added.

In November 2020, the Geography and Map Division hosted a successful one day virtual conference for GIS Day entitled "Mapping a Pandemic". Chief, Paulette Hasier opened the meeting and GIS Cartographic Specialist, John Hessler was among the speakers.

Since March 2018, G&M has published thirty-one online interactive applications that highlight creative ways to facilitate the accessibility of thousands of collections, using the Geographic Information Systems (GIS)-based tool Story Maps which have garnered over 350,000 views.
G&M staff published two demonstration coding tutorials for the public, on the library’s Data Exploration GitHub repository. These tutorials demonstrate how users can computationally access, retrieve, and analyze cartographic materials on loc.gov using Python, the loc.gov API, and Jupyter Notebook software.

Since the Library adopted flexible telework on March 16, 2020, the Cataloging Team (CT) has continued to accomplish important work remotely. These accomplishments represent their focus and activities:

- CT has cataloged 8,521 map titles, 241 e-book records, and 23 finding aids for the Library’s cartographic collections.
- CT has created 473 cataloging descriptions for cartographic resources in BIBFRAME Work, Instance, and Item records, contributing to cartographic Editor, Profile, Model, and Ontology.
- CT contributed to LC’s *Digital Maps and Geospatial Datasets Workflows* to the digital collections.
- CT started the Virtual Atlas Conversion Project in March, 2020 to enhance PreMARC records for more complete access to the Library’s cartographic collections.
- CT assisted in the development of the proposed cartographic cataloging policy statements for the Beta RDA Toolkit LC/PCC Policy Statements Project.
- CT commented on MARC Advisory Committee proposals and discussion papers of potential interest to the cartographic community.
- CT participated in the ALA MAGIRT 3R TASK FORCE (3RTF) and updated the “Guidelines for Cataloging Cartographic Resources using RDA.”

**MAGIRT Chair Elect (2020-2021)- Chair (2021-2022) – Min Zhang**

**MAGIRT Cataloging and Classification Committee — Iris Taylor, Tammy Wong, and Min Zhang**

**MAGIRT liaison to the Committee on Cataloging: Description & Access - Min Zhang**

### 7. OCLC report (Laura Ramsey)

**OCLC Update**

**MAGIRT Cataloging & Classification Committee**

**2021 ALA Midwinter Conference**

**January 25, 2021**

**Prepared by Laura Ramsey**

On January 15th, OCLC held their second OCLC Cataloging Community Meeting. For those of you who have attended the Expert Cataloging meetings on Friday mornings at ALA in the past, this meeting is an expansion upon that. We had several presentations on various topics, and the infamous Jay Weitz gave his OCLC update along with several Metadata Quality staff. Recordings, summary, and Q&A will be posted in the near future.

The updates included information on the upcoming MARC validation installation which is currently scheduled for late February. The update includes MARC 21 Bibliographic, Authority, and Holdings Update No. 31 (Dec. 2020), MARC codes from four LC Technical
Notices (Oct.-Dec. 2020) and several bug fixes. Details will be included in the WorldCat Validation Release Notes.

The REALM project (Reopening Archives, Libraries, and Museums research project) is a research project conducted by OCLC, Battelle Institute, and The Institute of Museum and Library Services to produce science-based information focusing on material handling to mitigate COVID-19 exposure in archives, libraries, and museums. Latest news and research can be found at REALM Project.

The Member Merge Project currently has 53 participating institutions who have been trained to merged duplicate records in WorldCat. Since the beginning of the project, institutions have merged over 73,000 sets of duplicates. Those interested in joining the project must be a PCC participant and can express interest by sending an email to askQC@oclc.org.

Virtual ASKQC Office Hours are held twice a month, usually the first Tuesday and the second Thursday at different times to accommodate more time zones. OCLC Metadata Quality staff present monthly on cataloging topics which is followed by a Q&A session. Recordings, slides, Q&A from past sessions, and registration for future sessions can be found at oc.lc/askQC. February’s topic will be on linking fields, which should be a good one!

The OCLC annual report for 2019-2020 is now available.

Metadata Quality staff has started a project to eliminate OCLC defined encoding level codes I, J, K, and M in favor of MARC 21 codes. OCLC will begin to convert records with Encoding level K in January 2020 using a Connexion Client macro. The macro evaluates the content of the record to determine the appropriate encoding level. For more information on this effort, you can review the Virtual ASKQC Office Hours session on the topic held in June 2020.

Metadata Quality staff continue to revise Bibliographic Formats and Standards which included revisions to Chapter 5.2, field 042, field 045, and new field 688 among many others. See the revision page in BFAS for more details. Update for 2020 yet to come.

Authority updates:

Derive authority record functionality within WorldShare Record Manager has been completed. Users may now derive family names, corporate names, geographic names, uniform titles, and series from a bibliographical record.

Add equivalent subject headings to a bibliographic record is now available based on several different thesauri.

The Biblioteca National de España (BNE) authority file is now available within WorldShare Record Manager.

Statistical updates:

- Since July 2020 the WorldCat community has enriched over 450 thousand WorldCat records
• OCLC’s Duplicate Detection and Resolution software has reviewed 53.4 million WorldCat bibliographic records, merging away 8.1 million records
• Metadata Quality staff for the past 6 months replaced over 15.5 million WorldCat records and removed over 265,000 duplicate records

Prepared by Laura Ramsey
January 2021

8. **MARC Advisory Committee report** (Susan Moore)

The MARC Advisory Committee met January 26-28, 2021. The results of the proposals and discussion papers of potential interest to the cartographic community were as follows:

This paper discusses use cases for geographic positioning based on geographic coordinates of structures such as monuments, buildings and sites that are depicted in images and how to code this data in the MARC Bibliographic format. It explores the use of Field 034 in records for images without pairing it with Field 255. This will either come back as a proposal or it could be fast-tracked and added to the MARC format. Since the MAGIRT CCC was in favor of the discussion paper, I spoke favorably about it. Other MAC members encouraged the Canadian Committee on Metadata Exchange to consider using the coordinate subfields in the 255 field so that users of the catalog could see the coordinates as well as using the coordinate subfields in the 034 field to facilitate searching. CCME took that under advisement.

Proposals 2021-03: Changes to Fields 008/21 and 006/04 for Types of Continuing Resources - This proposal redefines the codes p (periodicals), d (updating databases), and w (updating web site) and adds and defines codes b (blog), t (directory), j (journal), g (magazine), s (newsletter), and r (repository). The proposal passed with changes to some of the definitions.

Proposal 2021-04: Adding Subfields $0 and $1 to Field 022 - This proposal adds $0 (Authority record control number or standard number) and $1 (Real World Object URI) to the 022 Field (International Standard Serial Number). The proposal passed.

Proposal 2021-08: Defining a New Field for Encoded Supplementary Content Characteristics - This adds Field 353 Supplementary Content Characteristics to encode information on the presence of one or more bibliographies, discographies, filmographies, and/or other bibliographic references in a described item or in accompanying material. The proposal passed.

Proposal 2021-09: Recording the Mode of Issuance for Manifestations - This adds Field 334 Mode of Issuance that allows for the recording of RDA terms for issuance in the MARC bibliographic format. The proposal passed.

Proposal 2021-10: Recording the Type of Binding for Manifestations - This adds subfield $l Type of binding to Field 340 to add a Manifestation level element “type of binding” of the RDA element set. The proposal was sent back for changes.
Discussion Paper 2021-DP01: Defining Subfields $y and $z for Incorrect/Canceled ISSNs in Field 490 - Currently, there is no way to indicate an incorrect or invalid ISSNs in Field 490. Since the field is a descriptive field and subfield $x for ISSNs is defined, this paper explores the necessity of adding a way to record incorrect or invalid ISSNs in Field 490. This will come back as a proposal at the annual conference.

Discussion Paper 2021-DP06: Recording Data Provenance in the MARC Formats - This paper discusses the potential ways to record where information in a bibliographic record was taken from and what agency added the information to the bibliographic records. This will come back as a proposal at the annual conference.

9. **RBMS/DCRMC report** (Amy Runyon)

RBMS/DCRMC Report to MAGIRT (Amy Runyon)

ALA Midwinter 2021

1. **“Experts Directory” Follow Up**

Per the minutes from the RBMS Bibliographic Standards Committee (BSC) virtual meeting on December 18, 2020, an official name has been chosen for the directory, “RBMS BSC Rare Materials Catalogers Directory.” The scope of the directory is “designed to connect individuals and institutions seeking guidance related to the intellectual access and care of rare materials with experienced cataloging and metadata library workers” (official directory website). The directory is live, and users may now browse by participant and category. The BSC is asking for those with expert knowledge in the aforementioned areas who are willing to share this knowledge, to become part of the directory by filling out the [form](#).

**Harmful Language and Catalog Remediation Discussion**

The DCRM listserv began a discussion thread in December regarding statements on harmful language and catalog remediation. Some libraries noted that they add or would like to add a statement in the catalog record itself about offensive materials. The conversation was also discussed by the BSC.

*From December BSC report:* “The co-chairs noted conversations that took place recently on the dcrm list relating to statements and guidelines on the remediation of harmful language in metadata descriptions. A discussion followed touching on various aspects, including the different challenges that harmful materials pose in contrast to harmful vocabularies and the need for an official BSC position statement. It was agreed that a group should be formed to address some of the issues discussed and attendees were encouraged to volunteer.”

2. **Descriptive Cataloging of Rare Materials (RDA Edition) (DCRMR) Update**

The RBMS RDA Editorial Group has been working on “Descriptive Cataloging of Rare Materials (RDA Edition) (DCRMR).” After a public review of the DCRMR takes place, ideally in late-spring to early-summer 2021, the group will then consider which manuals to incorporate next, with the potential for that to be DCRMC.
10. New business

Revised best practices document: Discussion and next steps (Paige Andrew)

MAGIRT CCC 3RTF (RDA Restructure and Redesign Task Force) Report for 2021 ALA Midwinter Meeting

Membership of the 3RTF

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paige Andrew, Chair</td>
<td>Pennsylvania State University</td>
</tr>
<tr>
<td>Tim Kiser, ex-officio member as Chair of MAGIRT CCC</td>
<td>Michigan State University</td>
</tr>
<tr>
<td>Susan Moore, member</td>
<td>University of Northern Iowa</td>
</tr>
<tr>
<td>Angeline Beljour, member</td>
<td>New York Public Library</td>
</tr>
<tr>
<td>Tammy Wong, member</td>
<td>Geography and Map Division, Library of Congress</td>
</tr>
<tr>
<td>Artis Q. Wright, member for part of the year</td>
<td>New York Public Library</td>
</tr>
</tbody>
</table>

2020 Year Accomplishments

The Task Force had a very productive year working on completely reviewing, editing, enhancing, and re-writing the MAGIRT Map Cataloging Best Practices document, successfully transforming it into a comprehensive set of guidelines based on the RDA standard and Toolkit. Our work was based on a new Charge approved by members of the Cataloging and Classification Committee (CCC) and given to the group by the Chair of the CCC, Tim Kiser, at the 2020 ALA Midwinter Meeting.

In a note to the then-members of this Task Force from Tim dated January 20, 2020, he proposed a change of direction with the following tasks in mind:

- Cross-check our Best Practices document against Beta RDA – does it still work?
- Propose changes to the Best Practices document as needed, including revised instructions regarding scale statements and decimal degrees in bounding boxes.
- Assess what, if any, proposals we should anticipate needing to prepare for future revisions to RDA and/or LC-PCC Policy Statements.
- Brainstorm ways to position the Best Practices document as a basis for an eventual application profile for use within the Toolkit.

We completed all of these and I will touch on next steps as noted in the 4th bullet point in a moment.

As part of delivering a new Charge to the TF, Tim also indicated a need for replacing two departing task force members. After a call for volunteers, we successfully added Angeline Beljour and Artis Q. Wright to the team and began the hard work outlined above with a goal of completing a new set of cataloging guidelines for use by all catalogers by close of 2020.

The work of reviewing, writing additional guidelines, editing existing text and so forth was accomplished between March and September. Once a final draft was in place we then successively invited groups outside of the task force to review the document and provide feedback for necessary or proposed changes. This process occurred throughout the Fall months. On December 8, 2020 the Task Force members...
met to install final changes and voted to accept the document. The version currently posted on the MAGIRT website is the document we will now use to begin a new process moving forward while it simultaneously stands as a reference work that any cataloger can use to seek out answers to descriptive practices for cartographic resources based on RDA. At that meeting we all agreed that the 3RTF completed their assignment and Tim formally de-commissioned the group.

**Next Steps**

Tim would like the Cataloging and Classification Committee to consider/discuss forming a new Task Force to begin taking iterative steps to re-orient the completed “best practices” document so that it is grounded in RDA instead of MARC. As shared in an email to all CCC members from Maggie Long on behalf of Tim, he notes that “We’re nowhere near being able to position our document as an RDA application profile (and RDA is nowhere near being able to implement proposals for applications profiles), but my intention is that we can be well-positioned to be able to do so when the time comes, via a series of iterations in the years ahead.” I expect action to be taken on this new initiative during and after the 2021 ALA Midwinter Meeting.

Respectfully submitted,
Paige G. Andrew
Chair, RDA Restructure and Redesign Task Force (3RTF), 2017-2020
Member, MAGIRT Cataloging and Classification Committee

11. **Adjournment**

The meeting was adjourned at 1:00 pm.
Respectfully submitted,
Tammy Wong
MAGIRT Executive Board Minutes
December 1, 2020

Time: 3:00-4:00pm CT
Location: Virtual (Zoom)
Notes: Laura McElfresh

1. **Call to order**

2. **Call for changes to Agenda** (Sierra) – no changes.

3. **Secretary—Minutes from past meeting** (Paige) – will be in upcoming *base line*; Paige had a conflict

4. **Officer Reports**
   a. **Chair** (Sierra)
      i. Next Midwinter is supposed to be in Houston.
      ii. Sierra has not had any contact w/ALA re: Annual in Chicago; people are hedging bets about whether it will be in person or online.
      iii. Midwinter for MAGIRT will be same schedule as our Annual.
      iv. Nominations are open, contact Iris if you would like to run for office!
      v. Sierra has been on RTCA Bylaws TF for 2 years – working together to revise bylaws from within RTs, rather than having something pushed on us from above. Goal is a single set of RT bylaws for all to use, will save time for individual RTs managing their own. MAGIRT is a small RT but was a big force in answering the survey. There’s another survey you can do after you’ve seen the proposed bylaws!

   b. **Vice Chair** (Min)
      i. Min will organize a social event for upcoming ALA – has some ideas; needs date & time. She is thinking of inviting a specialist to discuss one of possible topics: Mapping COVID 19, WWII, or GIS StoryMaps “Living Nations, Living Words” – project of U.S. Poet Laureate Joy Harjo. Another possibility is focusing on a special theme; sharing our libraries’ collections.
      ii. Min needs date/time and needs input from the Board on which idea to pursue. Sierra likes the show & tell; also the Indigenous poets idea. Other Board members also like the sharing idea, so that is probably the one we’ll go with.
      iii. Could also add breakout rooms

   c. **Secretary** (Paige)
      Unavailable for this meeting, no report.

   d. **Webmaster** (Colleen & Craig)
      i. Not too much to report – making updates, adding *base Line*.
e. **Treasurer** (Marguerite/Ke]vin) (Pete Reehling)
   i. Received spreadsheet from Danielle; there’s always a 6-9 month lag in ALA finances. There were some expenses for the award presentation at Virtual conference, but last big expenditures were for Philadelphia Midwinter. Not sure what our expenditures will be for virtual conference.
   ii. $56K+ in our account. Please do report expenses as they come in so we can keep records square. “It’s a boring time and we’re doing well”.

f. **Past Chair** (Iris) – Need volunteers for office! Deadline is COB on Thurs. Dec 3rd.
   i. Vice Chair: 1-year term; 3-year commitment (Vice Chair → Chair → Past Chair)
   ii. Secretary (we might have one)
   iii. Treasurer (2-year commitment – assistant, then Treasurer)
   iv. Sierra adds: it’s a lot of fun, not an overly large commitment, and there is training available-- you’re not just left out to dry.

5. **Old Business**
   a. Embargoeing newest editions of *base line*
      i. Meant to be a perk for what you get for your dues
      ii. How would we do it? (Craig) – propose 6 months?
         1. Could put it on ALA Connect & then move it over. (This would also encourage people to use Connect, which we need to do.)
         2. Rolling – 6 months from when it comes out.
      iii. Is this a decision the Exec Board can make, or does it need to be on a broader front? (Laura can't speak to procedures within ALA structure, but that’s what OLAC did – Board decided to have early access to OLAC Newsletter as a membership incentive; latest issue is in Membership Corner & then we move it over to free website.)
      iv. **ACTION:** Sierra will check with Paige to make sure Exec Board can make this decision. Then if so, write up the decision to send it out. Thinking we start w/1st issue in 2021.

   b. Membership advertising flyer
      i. Maggie had shared some images of a mockup and asked for feedback on both text and illustrations last time we met. Today she has mockups of a card to share; would like to get feedback from the Board. Please email Maggie by Friday 12/4. Craig can put it on the website too.

6. **New Business**
   a. RTCA Bylaws proposal (Sierra)
      i. Trying to get ahead of ALA push for Bylaws standardization – in hopes that decisions will reflect what RTs actually do and actually need.
      ii. RTs have become very diverse in how they structure and name their officers, how they run their dues, etc.
1. Pushed back on dues – group was recruited by RTCA to discuss bylaws, not dues. This is not the group for that.

iii. Template Bylaws: basic boilerplate; standardized and common to all RTs. Then the RT’s handbook can be a living document that addresses its (each RT’s) unique needs and things not covered in template bylaws.

iv. Each RT can define who qualifies for various dues rates – so if there are 4 rates (standard, reduced, etc.) can just say that everyone gets reduced rate. ALA is more concerned with button-pushing than with what we actually charge.

v. Proposal was emailed out and is also posted on Connect. Link for feedback (Google Form) is on there too.

1. Survey deadline is mid-February, so the group can take all that feedback and bring it to Forward Together.

vi. Question: anything here that would pose a challenge if we merged with GODORT? – Having standardized bylaws makes merging easier; but we wouldn’t get, say, two Chairs. So we need to get together and really define what the merged group is intended to be; this will be in the (merged) Handbook.

b. MidWinter 2021

i. ALA schedule should come out soon; Sierra has a MAGIRT email queued up for tomorrow. It’s basically just copied from our Annual schedule, because that seemed to work pretty well. It’ll be over Zoom.

7. Committee/Discussion Group/Interest Group Reports — Liaisons reports

a. Bylaws & Governing Documents/Nominations & Awards Committee (Tammy) – no new update; need volunteers but Iris already covered it

b. Cataloging & Classification Committee (Tim) – no updates

c. Education Committee Discussion Group (Kevin/Eric) – no updates

d. GeoTech Committee Discussion Group (Wangyal) – none

e. Membership and Marketing Committee (Maggie) – covered earlier

f. Online Presence & Oversight Committee (Megan)

1. Is there anything you want featured on the website that isn’t there now, or featured more prominently, please let Megan know

g. Publications Committee (Abbey) – still looking for someone to fill the Chair’s position

h. Cataloging of Cartographic Resources Interest Group (Maggie) – no update

i. Map Collection Management Discussion Group (Craig) – no update

j. MAGIRT/GODORT (GIS) Discussion Group Coordinator (Joy) – no update

k. GeoTech Committee (Wangyal) – no update
8. Announcements
   a. Need officer volunteers by Thursday
   b. Watch for MW schedule, coming soon!
   c. Webinars? Sierra is working w/NMRT and they're interested in having a “did you know this is an opportunity in librarianship?” panel with us. Maybe a traditional map curator and then also a GIS outreach person.

9. Adjournment 3:59 pm Central

TREASURER’S REPORT
All reported expenses and revenues were related to normal/recurring operations activities.

Prior Balance = $56,695 (31 MAR 2020)
Net Ending Balance = $56,708 (31 APR 2020)

Year to Date Expense Categories:
   Direct Expenses
   Overhead & Taxes

Year to Date Revenue Categories:
   Personal Dues
   General Donation

Pete Reehling, MAGIRT Treasurer
Global Aerial/Satellite Imagery & Value-Added Remote Sensing Solutions
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DIGITAL ELEVATION MODELS • VECTOR FEATURE EXTRACTION
SPECTRAL CLASSIFICATION & OBJECT-BASED IMAGE ANALYSIS

Object-based vegetation mapping of a Western US county from RapidEye 8-band multi-spectral satellite imagery to classify wildland fire fuel categories.

GLOBAL TOPOGRAPHIC MAPS & NAUTICAL CHARTS
Discounted countrywide DRG, vector, DEM and paper map sets

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Large-format scanning, geo-referencing, metadata & index creation

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Minutes to the MAGIRT Executive Board Meeting

2021 ALA Midwinter Conference

Date: January 25, 2021
Time: 3:00-4:30pm CT
Location: Virtual (Zoom; 28 attendees)

1. Call to order – Chair Sierra Laddusaw called the meeting to order just after 3 p.m.

2. Call for changes to Agenda (Sierra) -- Chair Sierra Laddusaw asked for any changes to the posted agenda. There were none received, and we proceeded with the agenda.

3. Secretary -- Minutes from past meeting (Paige)

   Paige apologized for the long delay in getting minutes out until the previous week for the Dec. 1, 2020 Executive Board meeting due to personal circumstances and thanked Laura McElfresh for doing this task in his place. The minutes will be published in the February issue of base line and have already been turned in to the newsletter editor.

4. Officer Reports

   a. Chair (Sierra)

      • Received membership and financial numbers from ALA recently
      • We have a full slate of officer candidates, Past Chair Iris Taylor will deliver during her report; some committee chair positions were graciously continued by past chairs who were due to end their terms until this conference, several need new volunteers.
      • Hoping that we are able to meet in person in Chicago for 2021 Annual Conference but if we are unable we now have two virtual conferences to draw upon for experience.

   b. Vice Chair (Min)

      • There were 22 attendees at Saturday evening’s Happy Hour event
      • Four individuals gave brief presentations at the event; Craig Haggit, Sierra Laddusaw, Kevin Dyke, and Tammy Wong. Each shared information about a new project they are leading or involved with at their library. These were well received and the event was considered a success. For more details see the full report in the Addenda below.

   c. Secretary (Paige) — No report

   d. Webmaster (Colleen & Craig) — No report
e. Treasurer (Pete)

- As of the last financial report received from ALA (April 31, 2020) Pete noted that we have a balance of $50,000+ which is a modest increase from the previous year. Look for a full Treasurer’s Report in the February issue of base line.

f. Past Chair (Iris)

- Presented slate of candidates for three vacant officer positions and shared summaries of each position’s responsibilities. The slate is:
  
  Chair-elect – Kevin Dyke
  Secretary – Laura McElfresh
  Asst. Treasurer – Iris Taylor

  She thanked all for volunteering to serve MAGIRT in these important roles.

**Please see the full report as an Addendum to these minutes below.

5. Old Business

None. Sierra asked if anyone present had old business to bring before the group and none were submitted.

6. New Business

Invoice policy update (Tammy)

Tammy provided information about invoicing process changes due to ALA Headquarters now being in a new location with new address. [Secretary’s note: Tammy discovered from Danielle Ponton that these changes do not apply to round tables, we are to continue processing invoice requests directly with her.]

7. Committee/Discussion Group/Interest Group Reports—Liaisons reports

a. Bylaws & Governing Documents/Nominations & Awards Committee (Iris)

  See the Past Chair’s report in the Addenda for complete details on both topics.

b. Cataloging & Classification Committee (CCC) - (Tim)

  Tim noted that there were 18 attendees at the CCC meeting. We covered a slate of six reports usually heard at this meeting such as from our OCLC liaison and the liaison to the Library of Congress’ MARC Advisory Committee. The second half of the meeting was a report delivered by the chair of the 3R Task Force on activities/accomplishments in 2020, notably finishing work on a fully revised and updated “Guidelines for Cataloging Cartographic Resources Using RDA”, or our “map cataloging best practices” guidelines. This document is posted in the Publications area of the MAGIRT website and is available for any cataloger to use. The last part of the meeting was an open discussion on next steps for using the best practices guidelines moving forward with a new version of Resource Description and Access (RDA) that rolled out in December 2020. A complete report on the Committee meeting and from the chair of the 3R Task Force will be published in the February issue of the base line newsletter.
c. Education Committee Discussion Group (Kevin/Eric)

Kevin noted that there were approximately 20 attendees for this meeting and that there were robust discussions for each of the topics raised. Highlighted topics were:

- Continuing to partner with the Western Association of Map Libraries (WAML) on continuing webinar series on current and practical topics of interest to members of both groups and beyond.
- Picking up the idea of a “I’m a new map librarian” video series that did not get attention last year covering several topics related to responsibilities of the position of map librarian such as collection development or providing reference services and moving it forward.

It is important that we have enough volunteers to carry forward these and other ideas discussed, plus Kevin's term as chair is ending so we need someone to step up and fill that leadership role (or two to serve as co-chairs).

The goals for the first half of 2021 will be to document and systematize the planning process for the webinars. Having a process in place will ensure that the series continues to thrive as committee composition changes over time. If anyone would like to suggest a potential topic or speaker for the webinar series, contact Kevin Dyke (kdyke@okstate.edu). The committee will pursue further collaboration with WAML beyond the webinar series.

d. GeoTech Committee Discussion Group (Wangyal)

There were 22 attendees at a very good meeting of this committee, it was noted that several attendees were not MAGIRT members (Wangyal made sure to advertise broadly and this paid off) so it is hoped that perhaps a couple of these attendees might join us. There were discussions and presentations given, but a key new project is for a group to create a “geocoding database” that researchers from all disciplines can use in working with geospatial data. A complete report on the Committee meeting will be published in an upcoming issue of base line.

e. Membership and Marketing Committee (Maggie)

There was a good turnout for the Membership and Marketing meeting, with a focus on discussing issues surrounding how MAGIRT is arranged organizationally and how we might make changes so that its different parts work better together. A full report can be found in the Addenda at the end of these minutes.

f. Online Presence & Oversight Committee (Megan) — No report.

g. Publications Committee (Abbey) — No report.

h. Cataloging of Cartographic Resources Interest Group (Maggie)

There were 20 attendees. Ahead of the conference Maggie sent out requests for discussion topics to all MAGIRT members, based on feedback we shared/discussed the following:

- Working with collections materials while working remotely
• OCLC question about when to create a new record under the circumstance where a non-English language resource is available
• MARC Discussion Paper No. 2021-DP03 “Coordinates for Geographic Positioning of Structures in Images”
• Should the MARC 583 field be used to distinguish between digital maps created by scanning paper maps existing in the collection versus born-digital maps acquired from elsewhere?
• Map catalogers and the new RDA: comments and suggestions

Excellent rounds of discussions were heard on all of these. A detailed report will be published in the February issue of base line.

i. Map Collection Management Discussion Group (Craig)
Craig reported that there were more than 20 attendees for this meeting. The time was divided between two excellent presentations:

• Christopher Thiry (Colorado School of Mines) was invited to share about a project he launched a few months ago mapping where property deeds explicitly forbid ownership of land by non-white races. It is “Mapping Prejudice in Jefferson County, Colorado: Racism in Real Estate”. He took up this project to look at historic racist landowner policies in a local area after seeing the work that is going into the University of Minnesota’s “Mapping Prejudice Project”. Chris worked with the Jefferson County Archivist to obtain copies of plat documents for land in Jefferson County to review for racial language. At this time, the project is limited in scope due to available time and staff. Related to this, Craig Haggit (Denver Public Library) is working with the Denver Clerk & Recorder’s Office to get a sampling of already digitized deeds to determine whether city deeds have racially biased restrictions. City plat documents surveyed so far in Denver have not included racial language in their descriptions.

• Carol McAuliffe gave an update on the progress of MAGIRT's Online Guide to U.S. Map Collections which continues to grow. The goal is to have as many map collections as possible, large and small, added to the database in the coming years for anyone to use in their research. If you are interested in becoming involved send an email to magirtonlineguide@gmail.com.

j. MAGIRT/GODORT (GIS) Discussion Group Coordinator (Joy)
This group met with the Geotech Committee, see the notes above.

k. WAML Liaison Report (Kathryn Rankin)
WAML hosted its first virtual conference on October 14-16th, 2020. The preconferences were a panel on Careers in Map and GIS Librarianship and a workshop on Teaching Workshops in a Virtual World Using GitHub Workflows. Sierra Laddusaw was one of the panel members for the career panel. The keynote talk was Mapping Black California by Paulette Brown-Hinds and Candice Mays.
Other talks during the conference were on topics such as Bundle Block Adjustment of Historical Aerial Photography Using Open Source Technologies, Mapping the Past: Inside the LC G&M Summer Program, and The Changing Construction of a Sanborn Map: Comparing Fire Insurance Map Construction Over 60 Years. The three scholarship winners gave some of the lightening talks.

Lightening talks included topics such as “A Workbook for Conducting a Map Collection Review”, “Wither the Print Map?”, and “Robust to Overwhelming: Critically Evaluating GIS Services and Capacity at an Academic Library”. There were opportunities to network over Zoom during lunch breaks and at a virtual happy hour at the end of the conference. Despite a few technical glitches, the conference went well and allowed people outside the WAML principal region to attend. The conference had widespread attendance.

The WAML general business meeting was not held during the conference but was held on October 29, 2020. Projects planned for the coming year include a review of membership management, a review of honoraria and appointed positions, and identifying sources of funds for scholarships and finding a method to procure those funds. An ad hoc task force is reviewing the web site. WAML is financially healthy and ended 2020 with assets in excess of $20,000. Stan Stevens made a very nice donation to support scholarships. A robust WAML digital collection has been created in SearchWorks, the Stanford Digital Repository. The total membership of WAML is 94. WAML continues to partner with MAGIRT to produce webinars.

Even if future conferences are not virtual, it is desirable to have a virtual segment or option, especially since travel budgets may not come back, so even if a conference is in person, some people may not be able to attend. If it is possible to hold in-person meetings, the 2021 conference will be in Vancouver, BC, the 2022 conference in Hawaii, and the 2023 conference in Moscow, Idaho. It might be that because so many groups hold conferences in the fall, WAML might want to switch their conference to the spring or late summer.

8. Announcements

None.

9. Adjournment

Sierra adjourned the meeting at 3:48 p.m.

Reported by
Paige Andrew, Secretary, MAGIRT
ADDENDA/SUBMITTED REPORTS

**Past Chair’s Report**

Since October 2020, the following MAGIRT officer positions were open for nominations (The ALA form for the nomination application process closed on Thursday, December 3, 2020):

**Chair-elect** (1 year term, 3-year commitment, you would serve as vice chair, chair & past chair): Kevin Dyke is a chair-elect candidate
- Assume the responsibilities and perform the duties of Chair in the event of absence, death, disability or resignation of the Chair;
- Serve as Chair in the year following their term as Vice Chair.
- Serve as Chair of the Program Planning Committee in order to plan the program(s) that will occur during their year as MAGIRT’s Chair.
- Plan social events and/or local tours for the Midwinter meeting and Annual conference.
- Serve as a mentor to the MAGIRT-sponsored Emerging Leaders project group.
- Serve as a member of the Nominations and Awards Committee.

**Secretary** (2-year term): Laura McElfresh is a secretary candidate
- Shall perform their duties as outlined in Standard Code of Parliamentary Procedure
- Keep minutes of all Executive Board meetings Midwinter & Annual meetings to the membership via publication of minutes in base line, the MAGIRT listserv
- Responsible for compiling, sending, and/or coordinating the submission of items, including Executive Board meeting minutes, to the MAGIRT Archives.
- Compiles and maintains a roster of officers/committee chairs/discussion group coordinators and liaisons, including contact information & term lengths. The roster published on MAGIRT’s website.

**Assistant Treasurer** (1-year term, 2-year commitment): Iris Taylor is an assistant treasurer candidate
- Shadows and assists the treasurer, becomes Treasurer during second year of term

The following committee chair/coordination positions terms ended June 30, 2020:
1. Map Collection Management Discussion Group Coordinator (Craig Haggit)
2. MAGIRT/GODORT GIS Discussion Group Coordinator (Joy Suh)
3. Publications Committee Chairperson (Abbey Lewis)
4. Online Presence Oversight Committee Chairperson (Megan Rush)
5. Membership and Marketing Committee Chairperson (Maggie Long)
The following committee chair/coordinator terms will end June 30, 2021 (start searching for a replacement):

1. Cataloging of Cartographic Resources Interest Group Coordinator (Maggie Long)
2. Cataloging and Classification Committee Chairperson (Tim Kiser)
3. Geographic Technologies (Geo Tech) Committee Chairperson (Shawa Wangyal)
4. Education Committee Chairperson (Kevin Dyke)

Calling all MAGIRT members to nominate a person or organization for the 2021 MAGIRT Honors Award.

This award is given to honor an individual AND/OR organization who stands out because of their outstanding achievement(s) and major contributions to map and geospatial librarianship and to the Round Table. The recipient of the award does not need to be a MAGIRT member. The selection committee welcomes all kinds of ideas for nominations. Nominations accepted through January 31, 2021.

Be well and stay safe.

Iris Taylor, MAGIRT Past Chair

Membership Report

ALA’s membership is at a 7% decline from 2019 and an 8% decline when compared to the same time in 2018. This was an expected decline due to the impact of COVID-19 on library employment and we expect that this trend will continue for the near future before our member counts stabilize.

251 MAGIRT members (includes 2 new and 17 renewals), down from 258, published in previous report, November 2020. The latest membership numbers are from the December 2020 monthly stats report received from ALA office (provided in January 2021).

• Promotional materials
  Followed through with the creation of a new piece of promotional material (see Membership meeting report, June 2020). The project to create a single leaf, two-sided printed brochure has been completed. Final files will be provided to MAGIRT from ALA Office, Marketing Department.

• Round Table (RT) Membership
  The proposed requirement of each RT to have a certain amount of members that is equal or above 1% of the total ALA membership is still in question. No final decisions as of yet.

Topics discussed during the Mid-winter meeting*:
  1. Restructuring of MAGIRT committees
  2. Promotional opportunities

*Fuller detail on the discussion topics will be published in base line.
Report on MAGIRT Virtual Happy Hour
by Min Zhang
Held from 4-5 p.m. on 1/23/2021; we had 22 attendees and 4 presentations.

1. “Map of California, New Mexico and adjacent countries: showing the gold regions &c. (1849)” by Craig Haggit of Denver Public Library

   John Disturnell’s “Map of California and New Mexico”
   • Much documented publication history, with 24 known versions, mostly published from 1846-1850
   • One of only two English-language versions of “Mapa de los Estados Unidos de Mejico, California, &c”
   • Intended to feed the market for gold prospectors making their way West
   • 19th State of the “Map of California and New Mexico”
   • Only two English-language versions of this map
   • Differs from 18th in that Fredericksburg is shown in central Texas
   • Rare: Estimated $50,000 to replace at full retail value
   • Both copies at DPL are 19th state

   All about the Gold Regions
   • Folded map published in — Emigrant’s guide to New Mexico, California, and Oregon, giving the different overland and sea routes
   • Not as valuable as the original maps used in the negotiations for the Treaty of Guadaloupe Hidalgo (7th and 12th editions)

2. “Stephen Powys Marks London Collection at Texas A&M” by Sierra Laddusaw
   Sierra showed some unique prints and maps from the Stephen Powys Marks London Collection.

3. “WPA Land Ownership Maps of Oklahoma” by Kevin Dyke of Edmon Low Library, OK
   During 1935 and 1936, the Works Progress Administration and the Oklahoma Tax Commission produced approximately 2,400 maps to determine the value of real estate.

   “The Oklahoma WPA Map Collection: Capturing a snapshot of rural Oklahoma during the Great Depression” is the project website, found at: https://www.arcgis.com/home/item.html?id=10d9ec2633e54716b1861526a46526f4

4. “LC BIBFRAME Wikidata Project” by Tammy Wong
   Tammy explained the workflow of the LC BIBFRAME Wikidata Project, and the differences between Wikidata and name authorities files (NAF). She also mentioned challenges ahead.
MAGIRT Membership Committee

Midwinter meeting. January 23, 2021
Meeting held via Zoom: 11:30am - 12:30 pm (CT)
Attendance: Paige Andrew, John Clark, Kevin Dyke, Craig Haggit, Sierra Laddusaw, Susan Moore, John Olson, Iris Taylor, Min Zhang, Maggie Long, Chair.

Discussion topics:

1. Structure of MAGIRT’s committees

Maggie started the discussion on an idea for consideration about the structure of MAGIRT’s committees. It has become so much more important for any organization to increase their online presence than ever before. The COVID-19 situation has accelerated this need but it is unlikely this need will diminish going forward. Increasing our online presence is the best means of outreach to our members and for marketing purposes to encourage people to sign up as members. Currently a member of the Membership Committee works on the OPAC committee. A possibility is to not have a separate M/M committee and just roll in those responsibilities for M/M committee into the OPAC committee.

There was a suggestion to look at how GODORT has their round table organized (18 committees & task forces & interest groups) and may provide ideas for MAGIRT.

2. Promote membership:

- Iris Taylor suggested an idea of having an Open House, a virtual informational session to introduce MAGIRT committees, task forces, and Executive Board. [See actions notes]
- Online Guide – when contacting institutions on the lists regarding the survey, regional coordinators could use this as an opportunity to provide a short bit of information on MAGIRT to promote/raise awareness about the organization
- Library schools
- Students studying in Geography Graduate programs
- Student awards (ex. Washington Map Society, WAML, mentoring programs (e.g. LC)

Action notes:

- Sierra will reach out to the NMRT (New members Round Table) for advice
- Maggie will attend the first RBMS “Get involved” informational session (2/1/21), held virtually to introduce RBMS Committees, Task Forces, and Discussion Groups to interested attendees
- Paige – will follow up with Emerging Leaders
In the first offering of its kind, East View presents the **GLOBAL CENSUS ARCHIVE®** (GCA), an innovative program to collect officially published census-related materials from around the world.

Since launching the inaugural Latin America Census Collection in 2018, East View has been working to collect hundreds of censuses and thousands of related volumes and materials from around the world.

This global collection contains GIS census data as well as all available published volumes, supporting questionnaires and other census ephemera. Each census comes with an East View-produced census catalog, which serves as a finding aid and provides historical context.

**CENSUS PUBLICATIONS**

Every census has official authoritative elements that East View aggregates, processes and makes discoverable on an intuitive and easy-to-use eResources platform. While the availability and type of materials will vary by country, examples of typical materials include:

- Census catalog produced by East View
- Official Results (Analytical and Tabular)
- Maps / Atlases
- Methodology / Planning / Training
- Public Awareness
- Questionnaires / Survey Forms
- Newspaper Articles
- Journal Articles
- Conference Materials
- Academic Books
- Video / Audio
- Legislative / Executive / Budgetary

**GIS & TABULAR DATA**

East View’s GIS census products offer the following:

- **Geodatabase**
  - Intuitive organization of census data
  - Administrative boundary vector data
- **Shapefiles**
  - All vector and census data in ESRI Shapefile format
- **Census Guide**
  - Detailed instructions on how to query and visualize data
  - Detailed descriptions of census variables
- **Original Census Documentation**
  - Delivered in native format
- **Metadata**
  - Full attribute level metadata in FGDC ISO format

Visit www.eastview.com/gca for more details on available census products. Or contact us at info@eastview.com.
“That’s the worst of girls,” said Edmund to Peter and the Dwarf. “They never carry a map in their heads.” “That’s because our heads have something inside them,” said Lucy.

- C.S. Lewis, *Prince Caspian* (1951)

**Introduction**

Welcome to a new year of book and map reviews. My first month of 2021 was spent wisely traveling the globe and stepping back into time via a few interesting children’s atlases and a fascinating book about crime scene investigation. Taking advantage of higher than normal temperatures here in Western New York, I also ventured outside for socially distanced hiking, and it turns out there is an app for that! I’ve reviewed these finds here, so please enjoy.

**Books**


I was beyond thrilled when I saw the announcement for *Murder Maps* on the MAPS-L listserv. It checked all the boxes for me. True crime? Check. Maps? Yes. Historical newspaper clippings? Great! Jack the Ripper? H.H. Holmes? Lizzie Borden? Check, check, CHECK! I rushed to place an order for an early holiday gift to myself. I needed to review this for *base line*.

Packages tend to pile up in my house’s foyer. We also have piles of books on our bookshelves, bedside tables and toy boxes. When we receive a new book order, sometimes we start a new pile of unopened books for the end of the queue. Not this
time! I immediately opened the package containing this book, and was pleasantly surprised at the feel of it. This book mimics a bound set of historical clippings. My own little murder scrapbook, in a way. Unfortunately, I opened it to find the binding a bit loose. I will gladly report here that after days of flipping through this book, the pages are still intact and will likely hold up for quite some time.

**Murder Maps** details the crimes of nearly 80 murders operating in Europe, North America and Australia in the hundred-year span of 1811-1911. The title of this book places an emphasis on maps, but there is so much more to this book for the true crime buff. Brief introductions to the development of forensic techniques and tools like physiognomy, fingerprint analysis and blood typing pepper its pages. The book includes a concise summary of each murder examined, as well as images of weapons, newspaper clippings and timelines. Unfortunately, the book is so packed with these other sources of information that it does not live up to its title. Segments of historical maps shown are small and seem like a concession to cartography fans rather than the purpose of creating the book.

First, we will address the size of the maps. Many are too small to have any use at all. Some are allotted only a quarter of a page — enough space to see faint lines, text and a red number denoting where a particular crime or event took place. Details for the red numbers are given in accompanying legends. Since the maps are centered on where the events took place, it appears as though they all happened in close proximity to one another, but actually without a broader view of the surrounding areas we shouldn't assume this is the case. No scale is listed that would help us determine accurate distances between points. The legend, however, is helpful as it includes an address (in addition to names of murderers, victims and years). It is unfair to draw any correlation between these murders, as the book’s introduction suggests is possible with mapping murders, as there just aren’t enough details.

In addition to the small quarter- or half-page maps, there are a few maps spanning one or two pages, such as *Female Murders by Women* in London 1827-1911 (p. 26-27). This map plots the crimes of 20 women in the area. Some features are easily recognizable, such as the Thames. However, a magnifying glass is needed to see most details.

Setting aside my aggravation with the small maps appearing in this book, the next biggest disappointment is the lack of details about the historical maps used. As I started reading the book, I wondered if the maps were repurposed prints or new, original work. Flipping to the back of the book, we see an explanation in the *Sources of Illustrations* section: “Unless otherwise indicated, all maps are **David Rumsey Map Collection**. This is excellent news, as this collection is a favorite of many of us map librarians. However, this is all we are told about the maps. Pulling out our now overused magnifying glass, we can peruse the list of sources for the illustrations. The legend to the list indicates information for maps will be noted with a **m**. The first source accompanying an **m** is listed as "Alamy stock photo". No additional details about the historical maps used accompany the images themselves. The map loving side of me wants to see information about the date. Was this map created about the same time as the murders plotted onto it? Was this map commissioned by the government? What is the scale? Images from the *Illustrated Police News* (such as on pages 30-31) are properly attributed. The missing details regarding the historical maps used are a big oversight.
I am interested in true crime as well as cartography. Unfortunately, while this book does give fascinating histories about murders for the time period, and includes interesting news clippings, photographs and illustrations, it does not satisfy me as a map librarian. The use of vintage maps found in the David Rumsey collection adds to the Victorian mood of the book, but the lack of information about the maps used disappoints me. Information regarding the publication year, cartographer, publisher of each map is missing. Merely attributing maps to the collection is not sufficient for a book titled *Murder Maps*. Overall, I did enjoy looking at this book. I would recommend it for true crime historians and buffs, but not for those seeking out maps as a true information source. I think I will pass this to my sister to read next. She enjoys reading murder mysteries but wouldn’t know how to read a map scale if her life depended on it (no pun intended).


Marie Tharp was a fascinating woman. She is responsible for validating Alfred Wegner’s continental drift theory by mapping the ocean seafloor. She was an accomplished geologist and cartographer that was denied the opportunity to collect data herself. Despite the 1968 publication of her *Atlantic Ocean Floor* map in National Geographic, her name went largely unrecognized until she was identified as one of the four greatest cartographers of the 20th century by the Library of Congress in 1997. Two children’s books published in 2020 continue to spread the story of her remarkable career to aspiring scientists: *Ocean Speaks: How Marie Tharp Revealed the Ocean’s Biggest Secret* (published by Tundra, an imprint of Random House) and *Marie’s Ocean: Marie Tharp Maps the Mountains Under the Sea*. 
Marie’s Ocean is a colorful graphic novel sharing the story of Marie Tharp’s life. The events are narrated by Miss Tharp herself as she explains to a young girl why she has “never heard” of her as they stand in front of her World Ocean Floor Map. The Tharp character explains, “sometimes people do amazing things and no one remembers their names.” Tharp, hailing from Ypsilanti, Michigan, traveled with her father as he collected samples for soil survey maps for the Department of Agriculture. Although the book’s focus is on Marie, it does provide a fascinating look into her father’s work. Tharp continues on to describe her experiences attending Ohio University before moving on to University of Michigan to obtain a master’s degree in petroleum geology. Eventually, Marie Tharp was hired at the Lamont Geological Observatory where she drew maps from bathymetric data brought to her from men working on ships. She did not fail to express her strong desire to travel the ocean herself. Tharp noticed trends in the data and her own maps that supported the controversial theory of continental drift, but was silenced by her supervisors. Finally, her voice was heard when another cartographer’s maps aligned with her own. Marie Tharp was not allowed to present her findings to the American Geophysical Union, and was not recognized for her important discoveries.

In addition to learning about Marie Tharp’s work, readers are introduced to concepts in geology and cartography, such as the existence of Pangea, rock identification, sonar technology and topography. The book includes several colorful illustrations and maps, including a simple map showing the breakup of Pangea over 250 million years, Marie’s path personal journey across the United States, and a Chart of Depth of Rift Valley. This is an entertaining and inspirational book for children and adults.


I am still catching up on reviewing the many wonderful world atlases published for children last year. Among them is this expanded and updated edition of a 2013 world atlas. The newest edition adds 14 countries to the original count of 52 maps. The English translation of this book, originally published in Poland under the title MAPY, is done by Antonia Lloyd-Jones. The translation is impeccable and the fact this was not originally published in English is unnoticed.

The very first map is a world map found inside the front cover, showing country boundaries. This map doubles as a table of contents. Countries mapped in the book are labeled with their names and corresponding page numbers. The second map we see is a proper world map, with continents and oceans labeled. This map includes illustrations.
of sea creatures such as Giant tortoise, shark, sperm whale blue whale, as well as vessels including container, sailing and pirate ships.

Each chapter begins with a continent or regional map. The continent maps are drawn to scale, and include labels for countries, bodies of water and capitals. Additional information about the continent is included with the map, such as the number of countries, a population count and the area. Each map includes an inset map with the appropriate continent shaded. Overall these maps are undelicated and clearly depict key geographical features.

Individual country maps follow the appropriate continent maps. Like the continent maps, these maps include a scale bar and inset map. A plethora of additional information is provided, including the country’s capital city, language, population, area and flag. The country’s name also appears in its official language. These maps are more richly illustrated than previous maps in the book. We see a variety of images labeled, such as animals, plants, notable places, famous citizens, traditional dishes and common pastimes. Not all of the illustrations are explained or defined. For example, on the Norway map, we see the following but no accompanying text aside from a label: Vikings, handball, The Sami People and Aurora Borealis (p.10-11).

The authors of this atlas make a valiant effort to save space wherever possible. Instead of repeating definitions on various maps, references to other pages are made. For example, on the Sweden map we see "Arctic Circle" and a line crossing across the top of the country. We are directed to “See explanation on page 16.” (p. 14). On the map of Finland, we learn “... in winter there are polar nights when the sun does not rise above the horizon for many days or weeks on end. In summer, during POLAR DAYS, the sun is visible above the horizon 24 hours a day” (p. 16).

Following the last map of the book (Antarctica), the book concludes with “Flags of the World”, an illustrated list of nations’ flags encompassing three and a half pages.

This atlas may be read cover to cover, but also has value as a reference book for middle-grade students. The maps are drawn to scale, and each page introduces topics about the countries that may lead young readers to additional explanation. However, selectors should be cautioned that the coverage for Africa and Central America in this atlas is noticeably thin. The Contents world map is shaded to show which countries have individual maps in the book. Unfortunately, much of the African continent and all of Central America is unrepresented in the world map and remaining pages.

Web Resources

AllTrails – [https://www.alltrails.com/](https://www.alltrails.com/)

Until this week, the daytime temperatures have been hovering around 30 degrees Fahrenheit here in Western New York, which is balmy compared to most winters. Normally, I would hide inside from the frigid weather until May, but with normal social activities still a no-go due to COVID, I decided to take advantage of these warmer temperatures and take a hike — albeit with a few more layers than in the summer.
I've seen AllTrails mentioned on various blogs, but since I already track my walks with MapMyWalk, I didn't see a need to download the app or visit the website. Recently somebody mentioned it is perfect for social distancing, so I decided to check it out.

I tested the AllTrails desktop website by typing in Lewiston, New York. I live close to many amazing hiking trails due to my proximity to Niagara Falls, so I was curious to see what came up. I also live a half mile away from the Canadian border, so this test was a good opportunity to see if the service is smart enough to know I am on the American side of the border.

![Best trails in Lewiston, New York](image)

Only four trails were listed (see right). Each of the four listed are within 2 miles from my house, and indeed in the United States. Users have the opportunity to filter trails by a large number of options, to name a few: Difficulty, Length, Elevation gain, Route type (Loop, Out & back, Point to point), Rating (from other AllTrails users), Paved, Wheelchair friendly and Dog friendly. The filter making this a wonderful choice for pandemic-era adventuring is the option to filter by how heavy the trail traffic is. If you aren’t satisfied with the trails presented to you from your search, you can open the map and click or scroll around to view more.

The website can be used without creating an account. However, doing so unlocks many more features, such as the ability to save favorites, track the trails you have hiked and creating maps. Creating maps on the website is fun and simple. Users can use the Smart Routing feature to be guided through the process based on the chosen activity like hiking or road biking. There is also an option to use the Drawing Mode to create individualized routes by holding shift, pointing and clicking. In the below screenshot, I created a map on Smart Routing mode for a route I regularly take around my neighborhood. It is fascinating to see data like elevation change and how many miles my morning walk really is. This is potentially useful for conquering New Year resolutions for its ability to track your activity.

AllTrails has an app for Android and iOS systems. I tested it with my Motorola. In order to use any features on the app, you do need to have an account and log in. Logging in allows you to record your routes in real-time using GPS tracking. Distance and speed information are immediately updated as you hike or bike. As you travel you can click Waypoint to title and describe a spot on the trail. Latitude and longitude coordinates for the point are provided by the app. The app also houses the safety feature Lifeline, which lets you pick
contacts who can track your progress. **Lifeline** is a paid add-on coming in at $29.99 a year, or $59.99 for a 3-year commitment.

The home screen of the app recommends nearby trails to explore. I am sad to report that, in contrast to the desktop site, the mobile app recommended many in Canada just over the border. Normally I would have my passport out in a heartbeat ready to cross, but this is not possible now due to travel restrictions. Overall the app version looks very similar to the web version, except it is in your hand and you can use it during your adventures!

![](image)

AllTrails is free to use, but there is an AllTrails Pro upgrade you can purchase for $29.99 per year or $59.99 for three, which includes the **Lifeline** feature. Another advantage of subscribing is the ability to download trail maps for use if your phone loses service.

AllTrails is extremely similar to other route-tracking apps like MapMyWalk or Fitbit, but with an emphasis on exploring rather than staying fit. The AllTrails user community is active, and the chance to see photos and reviews for trails before heading out helps ease some anxiety when exploring the unknown. This isn’t a library resource in the traditional sense, but it is a great recommendation to users looking for an alternative to the traditional trail map.

**Conclusion**

I have been writing this column for one year. In addition to catching up on 2019 releases, I searched high and low for great 2020 publications to share. Many of these were children’s atlases. Perusing catalogs and online sellers, it looks like 2021 will gift us more atlases for a wider audience. I hope the MAGIRT membership finds value in my reviews. Please do not hesitate to send any suggestions my way.
Digital Mapping
“YOUR NAME HERE”

From the Editor’s Keyboard

Digital Mapping editor needed

Do you enjoy finding and looking at new GIS programs, geospatial data, and websites? Do you enjoy writing? Then why not combine the two together and be our new Digital Mapping columnist. Tell us about the new geospatial sites that are available.

I would like to encourage any MAGIRT member to volunteer. Let me know if you have an interest in contributing to this important part of base line.

Contact the editor for more details. This is a wonderful opportunity for someone to make a concrete and impactful contribution to our part of the library profession.

MAGIRT Connect page. For all the resources you need to know about what is happening inside MAGIRT.

https://connect.ala.org/magirt/home

Recent topics as of Jan 31st

• ALA Annual 2021: Virtual Meeting announced
• Also check out the Monthly Connect protip
GREAT MOMENTS IN MAP LIBRARIANSHIP by Jim Coombs

CAN YOU HELP ME? I CAN'T FIND THE MT. ST. McLOLLYGAGGIN QUADRANGLE. IS IT FILED WITH MT., MOUNT, ST., SAINT, Mc, OR MAC?

HOLD ON, I'LL GET THE BOSS. HE KNOWS ALL THE FILING RULES.

OoooMmmmm ... APPARENTLY A FORMER STUDENT ASSISTANT IGNORED ALL THE FILING RULES AND SHELVED IT IN THE BE - BU DRAWER ...

HOW DOES HE DO THAT?

I DUNNO, BUT COOL COSTUME!