a newsletter of the Map and Geography Round Table

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December, 1993
base line is an official publication of the American Library Association's Map and Geography Round Table (MAGERT). 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 MAGERT 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 MAGERT. Contributions should be sent to the appropriate editor listed below:

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1994 MIDWINTER MEETING SCHEDULE

SATURDAY, 5 February

8:30 a.m. - 11:00 a.m. Executive Board I/Welcome Reception/New Members Breakfast (to be held in the MAGERT hotel lounge, a coffee and danish meeting to meet and greet and share and plan).

2:00 p.m. - 4:00 p.m. Publications I (HYAT-Terrace C)
4:30 p.m. - 5:30 p.m. Cataloging and Classification (HIL-Wilshire B)

SUNDAY, 6 February

9:30 a.m. - 11:00 a.m. Research Libraries Collection Management Group (SHER-Grande 3)
11:30 a.m. - 12:30 p.m. Geotech (HIL-Larchmont)
2:00 p.m. - 4:00 p.m. Publications II (HIL-Sawtelle)
4:30 p.m. - 5:30 p.m. MAGERT/CCS/ALECTS Joint Discussion Group (LACC-410)

MONDAY, 7 February

8:00 a.m. - 11:00 a.m. Spatial Information/GIS Task Force (LACC-404A)
11:30 a.m. - 12:30 p.m. Miscellaneous Committees Joint Meeting (Time slot and space provided for committees not otherwise scheduled. LACC-504)
2:00 p.m. - 4:00 p.m. CUAC (HIL-Garden West)

TUESDAY, 8 February

9:30 a.m. - 12:30 p.m. Executive Board II (SHER-Grande 1)

REMINDER: The MAGERT hotel for Midwinter is the InnTowne Hotel, 9th and Figueroa Streets, Los Angeles. The hotel is two blocks north of the Convention Center. Call (800) 457-8520 for reservations; mention the MAGERT reservation for February 4-10 when calling.

If you have any questions about the schedule, please feel free to contact April Carlucci at the addresses shown on the masthead.

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LOCATION ABBREVIATIONS

HIL-Los Angeles Hilton and Towers
HYAT-Hyatt Regency Los Angeles
LACC-Los Angeles Convention Center
SHER-Sheraton Grande

FROM THE CHAIR

This is such an exciting and challenging time for map librarians—and thus MAGERT—that I'm starting to get a headache! Digital orthophotoquads, GIS software, conferences on the future of map libraries, Russian topos, spatial data, new folders for Czech and Slovakia, glossy reprints of the Blaeu atlases... not to mention the number of trees that must die for ALA's paperwork quota. I was just saying to Nancy Kandoian, or cataloger, the other day that I'm thinking of becoming an antiquarian—it's got to be easier on the nerves!

Of course (with the exception of the paperwork), these topics are just a few of what we all deal with everyday—heads swimming from coast to coast—and that's what makes it so important to be part of a group like MAGERT.

Hopefully, through our many means of communication (I forgot to list e-mail above as a cause of headaches), we can reinvent the wheel only a dozen times rather than a hundred. That's why I look forward to Los Angeles in February (that and the weather), so we can share what's going on in our collections, get a little help in solving problems, and give some help too.

The schedule for Midwinter is shaping up and appears in this issue. I've made a few alterations to our usual format in response to member's requests and practicality. I'm planning an Executive Board meeting/Welcome Reception/New Members Brunch for Saturday morning to start us off. Please drop in!

See you soon,
April
PROBLEMS, PROBLEMS...

After all these years of relatively smooth publication (and even surviving a move from Texas to Pennsylvania with minimal problems) I guess it was about time for the law of averages to catch up with base line. Unfortunately, all the averages caught up with the same two issues!

Problem #1 came with 14(4). It's projected publication date coincided with a major move here in the Physical Sciences Library. Not only did we shift the entire journal collection, but we also went from title to call number order. At the same time we merged part of another collection into the journals and finished some remodelling.

I checked with Jim and April, and we decided to produce 14(4) and 14(5) as separate issues rather than as a combined issue, but that the two would come out at the same time. That inadvertently led to Problem #2.

base line uses a commercial printer and mailing service. Apparently something got mixed up somewhere along the way, with the result that some folks got one copy each of 14(4) and 14(5), but a lot of people got two copies of one and no copy of the other. Jim is working with the printer and the mailer on replacement issues, so if you're missing an issue, let him know which one.

We apologize for the problems, and we felt that an explanation was in order.

PERSONALS

Kathy Rankin's Bitnet address is no longer operational. If you wish to contact her via e-mail, send the message to

krankin@nevada.edu
ERRATUM

The cover of the June 1993 issue had an error in the volume and issue. It should read Volume 14, issue 3.

ON THE CATALOGING/CATALOGUING FRONT

There will be a meeting of the MAGERT Map Cataloging Discussion Group at ALA Midwinter in Los Angeles on Sunday, February 6, 1994, from 4:20 to 5:30 p.m.

OCLC has added a new Country of Publication Code and a new Geographic area Code for the newly independent country of Eritrea. The new Country of Publication Code is ea. Previously, Eritrea was included in the code for Ethiopia (et), which is still a valid code. The new Geographic area Code is f-ea-. Previously, Eritrea was included in the code for Ethiopia (f-et---), which is still a valid code. These codes go into effect on November 13, 1994, when the next enhancements to the Prism system will be installed.

The following information on format integration comes from a program on cataloging spatial data that was given by HelenJane Armstrong and Betsy Mangan at the ALA Annual Convention in New Orleans in June, 1993. Format integration is the validation of data elements for all forms of materials. Spatial data can be supplemented with details from the serials and computer files specifications. Format integration should have a positive impact on cataloging. The challenges are to identify inconsistencies and to familiarize catalogers with new applications. The fixed field, which is the 006 field, is repeatable. That way elements from the fixed fields for serials and for computer fields could be brought into a record for a serial consisting of spatial data on computer disks.

The 037 field will be used for acquisitions information. The 246 field will be used for variant forms of titles. The 740 field will be used only for titles of analytics. Format integration will make it easier to catalog maps published as serials. Also fields from the archives and manuscripts specifications can be used to supply more information on manuscript maps. Spatial data can come in such forms as digital databases, slides or microforms. The cataloging information should be displayed in the clearest, most logical way.
At present many institutions are using the Books and Serials Formats instead of the Maps Format to catalog atlases. However, with format integration, atlases could be cataloged using the maps specifications, and fixed field elements could be used from books or serials specifications. Then all cartographic materials would be available in one file, so users would not have to search maps, books, and serials files to locate all necessary cartographic materials. However, only 'geographical' atlases would be coded using the maps specifications.

NEW MAPS

ASIA

Southeast Asia Oil & Gas Map. "Provides expanded area coverage on Taiwan, on and offshore China, and Japan." Size 47" x 33", Scale 1:3,000,000, Price $166 U.S. & Canada, $232 export. Available from Pennwell Books, P.O.Box 21288, Tulsa, OK 74121, tel. 1-800-752-9764, FAX (918) 831-9555

Union of Soviet Socialist Republics. Military topographical maps of most regions of the former USSR, previously top-secret and now declassified. Scale 1:200,000. Price $3.50 per quadrangle on orders of at least 1,500 sheets (inquire about smaller orders). Available from Russia/Central Asia Travel Resources, 117 North 40th, Seattle, WA 98103. Tel./FAX (206) 789-3549

NORTH AMERICA

Champlain's Great Map of New France 1632. Facsimile reproduction of the "first authoritative map of New France." Reproduced at original size. Size 63.5 x 98.5 cm. Four-colour printing on acid-free archival quality paper. Price $33.95 C. Available from Les Productions Tessima Ltee, 3500 Avenue Barres, Quebec G2E 2K7. FAX 418.872.5993

EL&P Electric Power Generation and Transmission Systems Map of the U.S., 2nd edition. "Shows major transmission lines (230 kilovolts or more), power generation plants (megawatt capacity, operators, and location for fossil fuel, hydro electric, and nuclear), North American Electric Reliability Council zones, and investor owned utility service areas with 10,000 or more customers." Size 42" x 58", Scale 1:3,600,000 Price $75 US & Canada, $105 export, Laminated version $100 US & Canada, $135 export. Available from Pennwell Books, P.O.Box 21288, Tulsa, OK 74121, tel. 1-800-752-9764, FAX (918) 831-9555

Mexico/Central America Oil & Gas Map. "Providing an overview of oil and gas fields, oil shales and tar sands, as well as natural gas, crude oil and refined base line 14(6): 8

Mount Logan Map, Research and Reference Folio, by G. Holdsworth and B. Sawyer. 2 sheets, 50 x 66 cm. "Mt. Logan is Canada's highest mountain and the folio includes historical background, map 1:75,000 showing lines of major ascent routes, and location of main research sites, summary of scientific research with references and a 1:100,000 countour shaded relief map of Mt. Logan and vicinity." Price $15C-$20C. Available from The Arctic Institute of North America, 2500 University Dr NW, Calgary, Alberta T2N 1N4 Attn: G. Holdsworth. Tel (403) 220-4047, FAX (403) 282-4609. (HC)

WORLD


VENDOR/SUPPLIER CATALOGS:

Canadian Geographic Products, 39 McArthur Ave., Vanier, Ontario K1L 8L7, tel. 745-4629 (Ottawa), 1-800-267-0824 (rest of Canada) FAX (613) 744-0947

DeLorme Mapping, P.O.Box 298-6878, Freeport, Maine 04032, tel. 207/865-4171, FAX 207/865-7080

Earthwalk Press, 2239 Union St., Eureka, CA 95501 tel. (800) 828-MAPS. Starting with up-to-date cartography, Earthwalk Press adds information which make these maps guides to the regions. Things such as phone numbers and addresses of local rangers or agency offices, new roads, closed and relocated trails, clearcuts and fire damage. Areas covered include major national parks and popular mountain ranges in the West. They come in paper or plastic. Scales vary from 1:24,000 to 1:106,250, prices $4 to $7

Historical Maps of Canada, Association of Canadian Map Libraries and Archives, c/o Cheryl Woods, Compiler, ACMLA Facsimile Maps, Serge A. Sauer Map Library, Dept. of Geography, University of Western Ontario, London, Ontario N6A 5C2 Tel. (519) 661-3424, FAX (519) 661-3750

Map Link, 25 E. Mason, Santa Barbara, CA 93101, tel. (805) 965-4402, FAX (805) 962-0884

Milwaukee Map Service, Inc., 959 North Mayfair Rd., Milwaukee, WI 53226, tel (414)774-1300, 1-800-525-3822, FAX (414)774-3181

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COMPUTER CORNER

Most of us have heard of MARPLOT, the software that generates maps from the TIGER disks. A version of MARPLOT will be available on the latest TIGER release. MARPLOT is a subset of a larger program called CAMEO. A spring issue of Government Computer News (10 May 1993) included a brief overview of the CAMEO system and its history.

The acronym CAMEO stands for the Computer-Aided Management of Emergency Operations system. The Environmental Protection Agency and the National Oceanographic and Atmospheric Administration joined efforts to design CAMEO in accordance with the Emergency Planning and Community-Right-to-Know Act of 1986. They designed the program to provide information on health-related issues, chemicals, medical treatments and the like. Geographically, CAMEO allows the user to search, generate and display maps. The maps typically locate hospitals and shelters or other medical and emergency sites. The system also links the maps and the data. The maps are generated through MARPLOT, or the Mapping Application for Response, Planning and Logistical Operational Tasks. MARPLOT is based on the TIGER files from the Bureau of the Census.

CAMEO is available at the state and even local level, subject to funding. The National Safety Council handles the distribution of the software and provides user support. It is estimated that CAMEO is in use at 4,000 locations, mainly in the United States but also abroad.

ECDIS or Electronic Chart Display and Information System looks like another important acronym for the map community. Ship operators will access electronic charts and navigational information through such a system. At least two government agencies are actively involved in the development of ECDIS. The Woods Hole Oceanographic Institution with the help of the National Oceanographic and Atmospheric Administration is working on a project based on Intergraph hard and software. The Defense Mapping Agency is developing a Digital Nautical Chart to complement their recent Digital Chart of the World. DMA is busy selecting a vendor for the DNC. The Environmental Systems Research Institute, the producers of the Digital Chart of the World, has produced a prototype.
The Digital Nautical Chart will be a compact disk set of the four thousand or so navigational charts produced by NOAA. The set could range from 30 to 100 CD-ROMs. The disks will be used by geographic information systems on large ships or as digital charts for the crew, replacing the paper charts. In conjunction with this the Navy is developing electronic ship bridges capable of utilizing the digital information.

The ECDIS being developed at Woods Hole is a computer-aided navigation system that will generate electronic charts. Route planning software will moni-
tor the ship's course and visually track the position of the ship.

In an evaluation of ECDIS the Coast Guard reports that such systems could match or better current navigational safety. Ships navigators using ECDIS report spending less time and effort on route planning and monitoring. The also considered the system to be more accurate. For more information see the 26 April 1993 issue of Federal Computer Week or the 26 April 1993 issue of Government Computer News.

NEW MEMBERS

We have two new members to welcome to MAGERT:

Laura A. Pilkington, Pine Plains, NY
Roberta L. Brooker, Greenwood, IN

WELCOME!

If you're going to ALA Midwinter in Los Angeles, stop by the InnTowne Hotel Saturday morning for coffee, danish, and a chance to meet with other new members and the MAGERT Executive Board members. The hotel is about two blocks north of the Convention Center at 9th and Figueroa.

See you there!

MISCELLANEOUS

Linda Musser sends notice of some articles of interest:

In CD-ROM Professional (v.6, no. 3, May 1993, p. 136) there is a review of MapExpert with Street Atlas USA (version 1.0).

In the SUC Bulletin (v.26, no.2, p.13-16) there is an article by Suzanne Mawdsley titled "Design and implementation of a computerized map base line 14(6): 11
library cataloging system." It describes how a system for map cataloging was developed at Leichester University using RiBase.

In the July/August 1993 issue of Geo-Info Systems (v. 3 no. 7) there is an article about the St. Louis Public Library's use of GIS technology to disseminate geographic information. There is also a column reporting on the National Geo-Data Policy Forum.

From Chip Woodward we get a reference to a 12 November 1993 Washington Post article by Joe Brown entitled "Locations, Locations, Locations." It's on "The Power of Maps" exhibit being shown in the International Gallery of the Smithsonian, S. Dillon Ripley Center. The center is at 1100 Jefferson Dr. SW, Washington, DC, and will continue through 23 January. It's open every day from 10 a.m. to 5:30 p.m. There was also an article in the 9 November 1993 Washington Post about this exhibit.

Kathy Rankin says that "In the fall 1993 issue of Signals, which is 'catalog for fans & friends of public television,' there are several map products. They have stationary made from discarded topos, a glow-in-the-dark universe map, high-altitude satellite photographs of 44 U.S. cities, an updateable magnetic globe puzzle (they'll send you new pieces), panoramic map reproductions of 6 U.S. cities, an antique map puzzle, and the Atlas of atlases. Their address is: SIGNALS, P.O. Box 64428, St. Paul, MN 55163-0428. Their phone number is 1-800-669-9696."

J.B. Post reports that a jigsaw puzzle has been published which depicts 'Explorations West of the Mississippi, 1804-41.' He notes that it has been advertised by the Eastern National Park and Monument Association, although he doesn't know who the publisher of the puzzle is.

**PRELIMINARY UNION LIST UPDATE**

A 'second edition' (version 2.0) of the "Preliminary Union List of Foreign Topographic Maps Series Held in U.S. Libraries" is available. It has 1221 records and is available as SERIES2.ASC via anonymous FTP from SUNYSB.EDU. Those who do not have access to FTP can receive an ASCII copy by sending David Allen an MS-DOS formatted 3 1/2" disk. His address is Library Reference, State University of New York, Stony Brook, Stony Brook, NY 11794-3331. (DYA)
MAGERT OPEN FILE REPORTS

Titles in this series are generally of an ephemeral nature or are too specialized to warrant general distribution as formal publications. They are available as on-demand photocopies, as a service to the map library community. New reports appear in bold type. All orders must be prepaid with a check or money order made payable to Jim Coombs, MAGERT Open File Reports Production Manager. There is a minimum charge of $5.00 US per order. The full set of OFR's (272 sheets) can be purchased for $25.00 (a savings of $2.281). Prices include postage and handling. Send orders to Jim Coombs, SMSU Maps Library, 901 S. National #175, Springfield, MO 65804-0095.


86-3 COUNTY COORDINATES (4-corner latitude/longitude; degrees and minutes):

-CA Robertson, R. Bruce. CALIFORNIA COUNTY COORDINATES. 1984. 4 sheets. $0.40.

-HI Baldwin, James A. HAWAII COUNTY COORDINATES: INCLUDING MAJOR ISLANDS AND NATIONAL PARKS. 1987. 4 sheets. $0.40.

-IL Wenner, Alex, and Marian Hunter. ILLINOIS COUNTY COORDINATES. 1985. 5 sheets. $0.50.

-IN Baldwin, James A. INDIANA COUNTY COORDINATES. 1990. 6 sheets. $0.60.


-MN Olson, John A. MINNESOTA COUNTY COORDINATES. 1991. 5 sheets. $0.50.

-MO Wilson, Allen P. MISSOURI COUNTY COORDINATES. 1988. 6 sheets. $0.60.

-DH Collins, Euron S. OHIO COUNTY COORDINATES. 1989. 5 sheets. $0.50.

-OR Stark, Peter. OREGON COUNTY COORDINATES. 1993. 2 sheets. $0.20.

-UT Robertson, R. Bruce. UTAH COUNTY COORDINATES. 1984. 3 sheets. $0.30.

-WY Walsh, Jim. WYOMING COUNTY COORDINATES: INCLUDING NATIONAL PARKS AND MONUMENTS, AND WIND RIVER INDIAN RESERVATION. 1987. 4 sheets. $0.40.


86-5 Cobb, David A. UNITED STATES STATE COORDINATES. [1986] 4 sheets. (4-corner latitude/longitude for each state - degrees and minutes) $0.40.

86-7 SAMPLE MAP WORKFORMS FOR M.A.R.C. INPUT. (locally devised OCLC, ALIN, and UTAS input workforms) 1986. 8 sheets (some printed on both sides) $1.50.

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| 88-1 | Kandolian, Nancy. **AN ENGLISH TRANSLATION OF WORDS ABBREVIATED IN RITTER'S LEXIKON.** 1988. 4 sheets. $0.40. |
| 88-2 | Coombs, Jim. **MAGNET ALPHABETICAL MEMBERSHIP LIST.** [updated bimonthly] 25 sheets. $2.50. |
| 88-3 | Lorrain, Janice, and Jim Coombs (with a "tip o' the hat" to Charles A. Seavey). **A MAP INDEX TO THE LC "G" SCHEDULE.** 1993. (a set of base maps showing 4-digit area numbers for continents, bodies of water, regions, countries, and states) 20 sheets. $2.00. |
| 89-1 | Holmer, Heidi, and Jim Coombs. **U.S. NATIONAL PARKS AND FORESTS CUTTER LIST, INCLUDING NATIONAL HISTORIC PARKS AND WILDERNESS AREAS.** [updated as needed to include new parks, forests and wildnesses] 25 sheets. $2.50. |
| 92-1 | Kollen, Christine. **GEOGRAPHIC CUTTER LIST FOR MEXICO: REGIONS, DISTRICTS AND TOWNS AND CITIES.** 1992. 17 sheets. $1.70. |

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GREAT MOMENTS IN MAP LIBRARIANSHIP

WE ARE HERE TO RELIEVE YOU OF ALL YOUR MERCATOR PROJECTIONS!

YIKES!! MAPJACKERS!! MAPNAPPERS!!

YES! WE ARE GALL-PETERS PROJECTIONISTS.